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General Alphabetical Index

VOL. 190 -- JULY -- DEC. 1978

A

ACCIDENTS

Accident on Lake Keowee,SC, in which seven workers were killed did not involve Duke Power or its Oconee nuclear plant (correction from Nov 1 issue) Dec 15 14
Allegheny Power: A violent explosion ripped through the Ft Martin power station Dec 15 14
Portland GE: Light aircraft crashed through power lines ½ mile from Trojan nuclear plant Nov 1 26

ACQUISITIONS

AEP: SEC's approval in principle of AEP's long-standing proposal to acquire Columbus & Southern Ohio met with gratification Sept 15 19
Green Mountain Power: Persists in its determination to merge with Central Vermont PS Sept 15 19
Iowa: Three Iowa utilities--Iowa PS, Interstate Power, and Iowa-Illinois G&E--consider forming a holding company Sept 15 19

ASSOCIATIONS

AMERICAN GAS ASSN: Politics and marketing confuse solar's future Nov 1 23
AMERICAN MEDICAL ASSN: Operation of coal fired power plants results in more deaths than nuclear, oil, or natural gas generating facilities, says AMA Sept 1 41
AMERICAN NUCLEAR SOCIETY: Enters breeder debate Nov 1 26
ASME: New group to make plant-system studies Oct 15 29
AMERICAN WIND ENERGY ASSN: Windmills will ultimately be cheaper than conventional power plants Nov 1 17
ATOMIC INDUSTRIAL FORUM: Midyear outlook is upbeat Sept 15 28
ATOMIC INDUSTRIAL FORUM: Nuclear generation continues to gain support worldwide Oct 1 15
ATOMIC INDUSTRIAL FORUM: AIF's silver anniversary Dec 15 32
CANADIAN ELECTRICAL ASSN: Canadians take a whack at rate debate July 1 78
EDISON ELECTRIC INSTITUTE: David R. Toll, president of NAEC and senior vice president and general counsel of EEI, will leave the association Sept 1 16
EDISON ELECTRIC INST: Findings of a recent EEI public-opinion poll regarding electric utilities are not reassuring Nov 15 11
EDISON ELECTRIC INSTITUTE: How to tell 'em that you're there Dec 1 29
EDISON ELECTRIC INSTITUTE: Politics and marketing confuse solar's future Nov 1 23
EDISON ELECTRIC INSTITUTE: Publishes new volume in Decisionmaker series on conservation in the home Nov 15 14
EDISON ELECTRIC INSTITUTE: Reports some 150 rate increases granted investor owned utilities during first three quarters of '78 totaled almost $1.8-billion Dec 1 15
EDISON ELECTRIC INSTITUTE: Urges revamped licensing July 1 24
ELECTRIC VEHICLE COUNCIL: Interest in electric car rises with pollution, fuel costs Nov 1 25
ELECTRIC VEHICLE COUNCIL: International partnership has been formed between EVC and an organization formed earlier this year under the aegis of the Commission of European Communities Nov 1 18
ELECTRIC VEHICLE COUNCIL: Overall air pollution contributions of electric and gasoline powered vehicles in Los Angeles area were compared at Electric Vehicle Symposium Nov 1 18
THE ELECTRIFICATION COUNCIL: Energy Management Action course geared to existing buildings will be made available in mid-October by TEC Sept 15 19
IEEE: Editorial: Where are tomorrow's engineers? Nov 15 3
IEEE: Grounded brackets stop pole top fires Sept 15 110
IEEE: New group to make plant-system studies Oct 15 29
MISSOURI VALLEY ELECTRIC ASSN: Determine where losses occur Sept 15 122
NATIONAL ASSN OF ELECTRIC COMPANIES: David R. Toll, president of NAEC and senior vice president and general counsel of EEI, will leave the association Sept 1 16
NARUC: David Elkin, outgoing president of NARUC and chairman of North Dakota PSC, told regulators they should write their congressmen to protect further legislation aimed at protecting the environment Nov 15 13
NARUC: Argues about ERA, new members Sept 15 26
NARUC: DOE going to back off as regulator and permit market forces to really be felt in decision-making Sept 15 19
NATIONAL COAL ASSN: Coal is exempted from voluntary wage/price guidelines Dec 1 15
NATIONAL COAL ASSN: Electric utilities are expected to burn 497 million tons of coal this year July 15 15
NATIONAL COAL ASSN: Individual coal companies feel impact of overregulation and are beginning to be hurt by excessive constraints Dec 15 11
NATIONAL COAL ASSN: New financial reporting system proposed by DOE will have a very detrimental effect on coal industry Aug 15 71
NATIONAL COAL ASSN: 1982 consumption of coal by industries could rise to 115-million tons Aug 1 48
NATIONAL COAL ASSN: Sharply revises 1978 coal use and production estimates downward from 1977 Oct 15 13
NATIONAL COAL ASSN: US bituminous coal production in 1978 will fall over 1977 output Aug 1 48
NEMA: Take FTC to task on proposed rules affecting energy labeling of unvented electric home heating equipment Dec 1 16
NATIONAL MANAGEMENT ASSN: Revolving fund for Appalachina hydro study Sept 15 28
NATIONAL RURAL ELECTRIC COOPERATIVE ASSN: Nader faces co-op lions; finds they're pussycats Oct 1 21
SOLAR ENERGY INDUSTRIES ASSN: Politics and marketing confuse solar's future Nov 1 23
SOUTHEASTERN ELECTRIC EXCHANGE: Findings of a recent EEI public-opinion poll regarding electric utilities are not reassuring Nov 15 11
SOUTHEASTERN ELECTRIC EXCHANGE: How to tell 'em that you're there Dec 1 29
SOUTHEASTERN ELECTRIC EXCHANGE: One solution to the PCB-disposal dilemma Nov 1 52
TENNESSEE VALLEY PUBLIC POWER ASSN: Proposed load management project at TVA would equip from 4,000 to 7,500 homes with controls on home-heating appliances, connected by two-way communications to the electrical distributor Dec 15 13
TENNESSEE VALLEY PUBLIC POWER ASSN: TVA may float big tax free bond issue Dec 15 9
WESTERN RAILROAD ASSN: Says its 21 members will boost freight rates on most commodities because of a recent labor settlement Oct 15 80

AWARDS

AEP wins top award of Reddy Communications 39th Annual Report competition Oct 1 18

SOUTHEASTERN ELECTRIC EXCHANGE: Announces second annual Energy Efficiency Awards for outstanding utility conservation efforts Dec 1 16

B

BLACKOUTS

Florida Power Corp: PSC orders utility officials to appear before it and prove the claims they have made in their ads July 15 13
Researchers gather lightning data Aug 1 52
Tampa Electric: University of Florida engineers are asked by Florida's big three utilities to investigate and help combat power outages due to summer thunderstorms July 15 15

BOILERS

Cleveland Electric Illuminating: Big picture is a road map of the boiler July 15 65
Fossil boiler sales make mild recovery (Fossil boiler survey) Dec 15 52
Northeast Utilities: Boiler overhaul crews walk the plank safely Dec 1 62
Pennsylvania Electric: Ducts vent boiler explosion steam to protect plant crew July 15 67
Southern Colorado Power Div: Mix sawdust with coal for a clean and cheap boiler fuel Nov 1 64

BOOKS

Book remarks (review of books) July 1 41

C

CABLES

Arizona PS: Surplus wooden cable reels resolve catalog-storage muddle Sept 1 61
Gulf States Utilities: Quick rig flasher upgrades UG work site warning system July 15 68
New process reduces XLP-insulation voids Nov 15 97
Pennsylvania P&L: Lazy Susan reel eliminates special cable reel vehicle July 15 68
Refrigeration systems for liquid nitrogen cooling of UG transmission cables will be studied by Air Products & Chemicals Inc under contract from GE Sept 15 48
Service life of underground cable will be determined by Battelle Labs under DOE study Sept 15 48

CAPACITORS

AEP: First US static shunt compensator using thyristor switched capacitors to be installed by AEP at Beaver Creek switching station Sept 1 15

Central P&L: Transient network analyzer models capacitor-switching surges Oct 15 106

CIRCUIT BREAKERS

What's new in power plants July 15 46

COGENERATION

Consumers Power & Dow Chemical agree to alter cogeneration contract pending since 1969 July 1 15
Houston L&P: Partner's defection sours utility on cogeneration July 1 21
Portland GE: Possibilities for cogeneration service territory is subject of a 14-week-long study Sept 1 15
TVA agrees to help plan and design a demonstration waste disposal cogeneration plant Aug 1 15

COMMUNICATIONS

Carolina P&L: Bureaucrats rail at utility that dared to recomment a positive stand to wipe out inflation in a bill insert Dec 1 16
Carolina P&L: NC Utilities Commission orders a study of what kinds of bill inserts should be allowed in the state Dec 15 13
Electric Power Bd of Chattanooga: Portable with uhf echo for truck-free crew use Nov 1 60
Portland GE: Wins the 1978 Grand Award for the best utility communications program of the year July 15 13
Radio-controlled coal cars load barges at 3,000 tons/hr Sept 15 152
Utah P&L: Homemade power packs for videotaping in boondocks Nov 15 116

COMPANY CHANGES

El Paso Electric: City of El Paso indicates an interest in purchasing all or part of El Paso Electric's Texas facilities July 15 16
Tucson G&E plans to divest its gas interest by selling it to Southwest Gas Corp July 15 16

COMPUTERS

Boston Edison: Computer terminals aid T&D field operations Nov 15 100
Calgon Corp: System cures wastewater fouling fast Dec 1 22
Model program mulls detailed energy policies Nov 15 34
Southern California Edison: Computer personalizes conservation ideas Oct 1 58

CONSERVATION

California PUC agrees to rehear arguments on its order to require utilities to offer free water heater insulation and blankets and low flow shower heads July 1 17
Conservation column: Infiltration accounts for about 40% of heat loss in a typical house Nov 1 58
Conservation starts with you: Here's how (Electrical World new energy savings column) July 1 79
Deluge of requests for home weatherization has swamped Oregon utilities and insulation contractors Dec 15 13
Rutgers University's Eagleton Institute of Politics Poll: Most New Jerseyans will conserve energy only if they see a financial benefit Dec 15 13
EEI publishes new volume in Decisionmaker series on conservation in the home Nov 15 14
The Electrification Council: Energy Management Action course geared to existing buildings will be made available in mid-October by TEC Sept 15 19
Insulation is added to an open attic area that already contains some insulation Aug 1 61
Navy studies energy conservation, alternative sources Sept 15 25
NY State PSC chairman decries the public's lack of interest in home energy audits Nov 15 14
Pacific P&L: Home insulators oppose PP&L's weatherization/conservation plan July 15 16
Publicly and investor owned utilities will join in an energy conservation experiment for remote meter reading of electricity, gas and water in Denver Sept 1 16
San Diego G&E: Airborne thermal imagery gives clues on heat losses July 1 86
Senate passes a bill to provide tax credits for home insulation and for solar heating and windmills Sept 15 19
Southeastern Electric Exchange announces its second annual Energy Efficiency Award for outstanding conservation efforts Dec 1 16
Southern California Edison: Computer personalizes conservation ideas Oct 1 58
TVA expands interest free attic insulation loan program to include other energy conservation measures and heat pump installations Oct 15 14
TVA and DOE have evolved an agreement that will help save TVA customers money by cutting both winter and summer power demand over the next 1½ years Sept 1 16
Underwriters' Laboratories investigates whether external insulation on electric water heaters could cause overheating of the supply wiring at point of connection in the water heater Dec 1 15
Use of fireplace as a source of supplemental heat Dec 1 58
Washington: Interest free loans to eligible customers installing weatherization and other energy saving measures will be offered by three Washington state utilities Sept 15 19
Winter conservation checklist Sept 1 56

CONSTRUCTION

Central Iowa P&L moving on plans to build a coal fired generating station Aug 1 17
Dayton P&L: 810-MW Zimmer Unit 2 will be canceled Dec 15 14
Divers backup 'copter on underwater footing job Nov 1 63
Duke Power: 60 scissor-lifts snip construction job prep time Sept 1 60
Ebasco Services: Pick the economic construction choice Sept 1 48
Gov Dixy Lee Ray: Power plant construction delays will seriously threaten the economy of the state of Washington July 15 13
India: Indian government proposes to construct a 2,000-MW thermal station Aug 1 17
Utilities lead construction boom Dec 15 9
PS Co of Oklahoma: Limited work authorization issued to PS of Okla. to permit certain construction work to be done on proposed Black Fox nuclear station Sept 1 22
Public Service E&G: Quick make timer/I-beam shoring wall for 40-ft dig Sept 1 59

CONSUMERISM

Findings of a recent EEI public-opinion poll regarding electric utilities are not reassuring Nov 15 11
Ohio's Office of Consumers' Counsel wants permission to send its representatives to board of directors meetings at all Ohio utility companies Nov 1 17
TVA has opened a new toll-free telephone information service throughout its seven-state area Nov 1 17

COOLING TOWERS

Before-the-fact modeling solves tower problems Oct 15 127

D

DISTRIBUTION

Boston Edison: Computer terminals aid T&D field operations Nov 15 100
Boston Edison: Meter checks cut unaccountable losses Oct 15 90
Con Edison: Network transformers monitored remotely Nov 15 98
Duke Power: One solution of the PCB-disposal dilemma Nov 1 52
GE: Load transformers economically July 1 62
Long Island Lighting: Scavenging saves $1-million a year on distribution gear Oct 15 129
REA issues guide to distribution sectionalizing Oct 1 53
Staying abreast of PCB regulations Nov 15 96
Westinghouse: Faults influence transformer life July 15 50

DISTRIBUTION--OVERHEAD

Grounded brackets stop pole-top fires Sept 15 110
Researchers gather lightning data Aug 1 52
T&D Construction survey Aug 15 53

DISTRIBUTION--UNDERGROUND

Baltimore G&E: Plastic structural shapes save installation time Sept 1 45
Lenoir City Utilities Bd: Upgraded elbow cuts makeup time in half Oct 1 61
New process reduces XLP-insulation void Nov 15 97

E

EDITORIAL

We can't wait for a national energy policy July 1 3
Third World states flex their muscles July 15 3
Federally legislated reliability--again Aug 1 3
Load management is waiting in the wings Aug 15 3
How much does regulation really cost? Sept 1 3
A year of low growth: What does it mean Sept 15 3
What happened? (Regarding Electrical World's 29th Annual Forecast) Oct 1 3
Keep an ace in the hole Oct 15 3
Solar energy poses some elemental questions Nov 1 3
Where are tomorrow's engineers? Nov 15 3
The breeder is not the problem, it's the answer Dec 1 3
The National Energy Act isn't Dec 15 3

ELECTRIC VEHICLES

DOE selects five companies to help demonstrate practical and potential markets for electric and hybrid vehicles July 15 15
DOE wants another round of electric vehicle demonstrations with about 600 vehicles Nov 1 18
Electric Vehicle Council: Interest in electric car rises with pollution, fuel costs Nov 1 25
Electric Vehicle Council: International partnership has been formed between EVC and an organization formed earlier this year under the aegis of the Commission of European Communities Nov 1 18
Latest in experimental electric vehicles July 1 21
Mathtec Inc: 4.2 million electric vehicles are projected for 1995 Sept 15 20
Price of 750 electric vehicles that the US Postal Service expects to buy will probably raise the life cycle cost of electric vehicles July 15 16

EMPLOYEE RELATIONS

Arizona PS: Idealine suggestion project: A three-way winner July 1 87
California PUC: Permits continuation of discount rates for utility employees reversing an earlier ruling that would have phased out discounts over a five-year period Dec 15 14

EMPLOYEE TRAINING

Arizona PS: First, flight training--then welding for topside trainees Nov 1 61
Gulf States Utilities: Hands-on line switching drills in risk-free safety room Aug 15 91
PS Co of New Hampshire: Cardiac first aid training goes beyond poletop victim Dec 1 61
Requalifying nuclear operators Nov 1 44
Two-man poletop rescue training goes Hollywood Oct 1 65

EMPLOYEE WELFARE

Dept of HEW proposes elimination of 10-year work limit for coal miners showing early signs of black lung Sept 1 16

ENERGY MANAGEMENT

Alabama Power scrutinizes rate reform options Oct 15 114
AEP: Heat pumps get high grades up north Sept 15 142
California Pacific Utilities Co: Utility will pay for residential insulation July 1 24
California PUC: Agrees to rehear arguments on its order to require utilities to offer free water heater insulation and blankets and low flow shower heads July 1 17
California PUC has put lifeline rates into effect for air conditioning in the CP National area Aug 1 18
Canadian Electrical Assn: Canadians take a whack at rate debate July 1 78
Centennial of Light: Edison's invention of the incandescent bulb prompts the 100-year celebration that began last month Oct 1 18
Columbus & Southern Ohio: Right of a utility to advertise and pass on costs to customers is upheld by Ohio PUC Oct 1 18
Conservation column: Infiltration accounts for about 40% of heat loss in a typical house Nov 1 58
Conservation starts with you: Here's how (Electrical World new energy savings column) July 1 79
Dayton P&L: Load management plan pinpoints priorities Dec 15 70
DOE selects five companies to help demonstrate practical and potential markets for electric and hybrid vehicles July 15 15
DOE: TOD rates shift kWh and kW Nov 15 111
Detroit Edison will study modifying its Conners Creek power plant to heat and cool buildings near the plant Nov 1 18
Electric Vehicle Council: Interest in electric car rises with pollution, fuel costs Nov 1 25
GE cites shock effects on power sales Aug 1 24
Gibbs & Hill: Electricity: A Key to productivity Sept 1 52
Gordian Associates: Linear programming: A new rate tool Dec 1 56
Insulation is added to an open attic area that already contains some insulation Aug 1 61
Load Management studies top 100 mark Nov 1 56
Mathtec Inc: 4.2-million electric vehicles are projected for 1995 Sept 15 20
New Orleans PS: Winter conservation checklist Sept 1 56
Pacific G&E: Hot water conservation practices Oct 1 59
Politics and marketing confuse solar's future Nov 1 23
Preliminary district heating study for community of 20,000 is commissioned by Canada'a Ministry of Energy & Ministry of Housing July 1 18
Price of 750 electric vehicles that the US Postal Service expects to buy will probably raise the life cycle cost of electric vehicles July 15 16
PS Indiana: Sheating cuts mobile home energy use Aug 15 82
Sacramento Municipal Utility District: Sodium lamp boosts plant lighting, cuts operating costs Dec 15 75
San Diego G&E: Air borne thermal imagery gives clues on heat losses July 1 86
Southern California Edison: Computer personalizes conservation ideas Oct 1 58
Sweden: Piping hot water 40 miles from a nuclear plant would be cheaper by $12-million per year than building a 500-MW fossil-fired plant that would be used for district heating Oct 1 18
Texas P&L: Super sucker pinpoints air leakage July 15 62
TVA approves study to identify ways to distribute waste heat from power plants Aug 1 17
Toledo Edison: Lower high-mast lamps for ground level maintenance Dec 15 76
Use of fireplace as source of supplemental heat Dec 1 58
Westinghouse: How to recycle low-grade process heat Aug 1 60

ENERGY POLICY

Editorial: We can't wait for a national energy policy July 1 3
Model program mulls detailed energy policies Nov 15 34
US dollar keeps retreating in value after the Bonn economic summit which reports say devalued US prestige Aug 15 1

ENGINEERS

Editorial: Where are tomorrow's engineers? Nov 15 3
Future needs: Capital, skilled labor, engineers Dec 15 31

ENVIRONMENT

Administration wants to redesign environmental impact statements so they are shorter and more concise July 1 15
Duke Power: Throwaway coveralls up radiation protection July 1 83
Congress changes the Endangered Species Act and extends it for 18 months Nov 15 13
EPA reduces its case by case review of plant and industries seeking permits to build in pristine areas from an estimated 4,000 to 1,600 July 15 13
How to pick your plant site Aug 15 33
NARUC: David Elkin, outgoing president of NARUC and chairman of North Dakota PSC, told regulators they should write their congressmen to protect further legislation aimed at protecting the environment Nov 15 13
NRECA: Nader faces co-op lions; finds they're pussycats Oct 1 21
Washington Comment: Solar policy, hydro, and interstate pollution: Three situations to watch Sept 1 4

ENVIRONMENT--AIR POLLUTION

Air quality standards in Pacific Northwest will be tougher for proposed coal fired plants in the area Aug 15 17
Before the fact modeling solves tower problems Oct 15 127
California Air Resources Board: 50% reduction in NO emissions b power plants by end of 1982 is ordered for Los Angeles Basin Sept 15 17
California: First predicted second stage smog alert in four county southern California air basin surrounding Los Angeles is washed away by cool Pacific breezes Aug 15 17
Colorado-Ute Electric Assn: Growing air quality problems persuades Colorado Ute and 3 other utilities to site their fourth 400-MW coal-fired unit in southwestern Colorado Oct 1 15
Commonwealth Edison: Should use FGD technology to meet clean air standards at Powerton plant Aug 15 18
EPA air pollution control standards may be more stringent than necessary, says White House Council on Wage & Price stability Nov 15 13
EPA proposes tough controls on sulfur emissions Oct 1 15
EPA refuses to issue a construction permit for Colstrip coal-fired Units 3 and 4 July 1 15
Florida refuses to stiffen its clean-air standards, but singles out certain plants for tougher treatment Oct 15 13
Japan: American firm licensed for NO_x control Aug 15 70
Japanese developed NO_x-removal process will be used at an EPA-Georgia Power demonstration plant July 15 15
Kansas City P&L: Acres of vinyl-ester resin halt SO_3 surface corrosion Oct 15 131
Los Angeles area is cradle of both innovation and foul-up when it comes to air quality regulation Oct 1 22
Navajos win land-tax suit, seek SO_2 tax Oct 15 32
New Energy sources have drawbacks, too Nov 15 33
New England Power Co: Agreement for environmental standards for conversion of oil to coal at two units of Brayton Point is signed by Massachusetts governor Sept 15 17
Ohio co-op leader says EPA estimates on the costs of removing SO_2 and other emissions from smokestacks on new plants are all wrong Dec 15 14
Ohio Edison agrees to install pollution control equipment at its W.H. Sammis plant Sept 1 15
Ohio resists EPA water, air standards July 15 21
PS of Colorado: Two generating units of PS of Colorado both equipped with electrostatic precipitators and wet scrubbers, still fail to meet state air quality standards Nov 15 13
Southern California Edison: NO_x limits in the Los Angeles area are being challenged by Socal Edison Nov 15 13
Southern California Edison: Sohio agrees to pay Socal Edison $78-million to install and operate a five stage horizontal scrubber at Alamitos generation station Sept 15 17
Southern California Edison: Standard Oil of Ohio will buy an experimental scrubber for flue-gas-desulfurization tests at Socal Edison'a oil-fired plant July 15 13
Supreme Court lets stand strict US air quality standards for Ohio Nov 15 13
Three year moratorium on power-plant air pollution standards requested by Ohio Governor James A. Rhodes is formerly turned down by EPA Aug 15 17
Washington Comment: The local coal mess July 1 4
Washington Comment: Tug of war between environmentalists and inflation fighters: The final outcome still uncertain Aug 1 4
United Engineers & Constructors will design and install a $220-million system to remove SO_2 and particulate at Units 4 and 5 of Four Corners Sept 1 15

ENVIRONMENT--WASTE DISPOSAL

Australia: Radwaste disposal Down Under Sept 15 28
Carter on radwaste Dec 15 32
Department of Energy: Technology exists to build radwaste disposal facilities in deep underground geologic formations Oct 15 11
Duke Power: One solution of the PCB-disposal dilemma Nov 1 52
Federal Task Force says the nuclear waste disposal problem can be solved in 10-17 years Nov 15 11
Iowa PS: 5-mile stretch of road in Monona County, Iowa, is being paved with 400 tons of flyash from Neal Unit 3 July 15 15
Japanese region utility companies may already be sealing radwaste in asphalt instead of concrete Oct 1 15
Landfill radiation D c 15 32
Los Angeles Dept of Water & Power: Trash to methane to kWh project expected off the ground by next spring Oct 15 80
Northern States Power: May offer to incinerate certain potentially hazardous waste materials in some of its power plants Oct 15 11
Staying abreast of PCB regulations Nov 15 96
System cuts radwaste disposal cost Dec 1 44
TVA agrees to help plan and design a demonstration waste disposal cogeneration plant Aug 1 15
Washington Comment: Coming: War over wastes Oct 15 4
West Germany: Should be able to dispose of its radwaste from nuclear stations by mid-1990s Sept 1 13

United Illuminating: Solid waste recovery and main transfer plant Dec 1 19

ENVIRONMENT--WATER POLLUTION

Calgon Corp: System cures wastewater fouling fish Dec 1 22
Carolina P&L: Is likely to go to court on an order by EPA to build cooling towers at its Brunswick nuclear plant Oct 15 13
Consumers Power: Notified NRC and Dept of Public Health that radiation was detected in part of demineralized water supply system at Big Rock Point nuclear plant Oct 15 32
DOE's Pacific Northwest Laboratory: New method for decontaminating and compacting metallic nuclear wastes will be evaluated Aug 15 70
Endangered Species Act amendment passed unanimously by House Merchant Marine & Fisheries Committee Oct 15 13
Environmental witness urges House Environment Subcommittee to expand NRC authority over all uranium mill wastes Aug 15 17
Inadequate environmental impact studies have prompted Michigan United Conservation Club to ask the Corp of Engineers to end the Winter Navigation Demonstration program Dec 15 14
Japanese utility settles with fishermen to permit the firm to build a nuclear plant after 10 years of lobbying Oct 1 15
Ohio resists EPA water, air standards July 15 21
PCBs are defended sharply by utilities at EPA hearing Sept 15 17
Sweden: Controls on PCBs are tightened by Swedish environmental authorities Aug 15 17
TVA and Interior Dept report to Congress on TVA's Tellico Dam Oct 1 15
TVA studies rare fish in new habitat July 15 20
A $25-million program to buy PCB sediment dredged from the Hudson River is delayed for at least a year for lack of funding Dec 15 14

F

FINANCE

Arizona PS and Tucson G&E: Regulators lean on fuel clause Oct 15 7
Bache Halsey Stuart Shields: Recession on the way Nov 1 9
BPA: GAO urges surcharge on BPA power Oct 1 11
California: Fees fill in for realty tax in California July 15 22
California legislature slashes some $2.85-million from Energy Commission's budget Aug 1 17
California: Proposition 13: Impact on utilities July 15 9
Central Area Power Coordinating Group: Announces construction delays Dec 15 9
Columbus & Southern Ohio Electric: Seeks a 25% overall rate increase next March; part of a $125-million rate hike over two years Dec 15 13
Delmarva P&L must pay for bonds Aug 1 11
DOE: Cost hikes stir industry to save energy Aug 1 22
Donaldson, Lufkin & Jenrette: Future availability of capital for utility expansion will depend on more reasonable regulation than has been evident since late 1976 July 1 17
Florida P&L indicates it will sharply increase stockholder dividends this year by raising payouts from 50% to a possible 44% to 60% Dec 15 13
Florida Power Corp: Florida PSC may intervene in federal proceeds against Gulf Oil to get refunds for customers of Florida Power Corp and other utilities Oct 1 11
Future needs: Capital, skilled labor, and engineers Dec 15 31
Group of 14 Japanese banks will lend $500-million to British Electricity Council Sept 1 16
Gulf States Utilities: Uses equipment trust to keep company cash out of purchase agreement for T-G and related equipment July 1 17
IRS drops threat to deny investment tax credits to investor-owned utilities involved in joint ventures with co-ops and munis July 1 17
Investment hopes are for the long run July 1 11
Kansas G&E: Gets $100-million overseas/domestic loan Nov 1 9
Kentucky: Fuel-clause rules tighten in Kentucky July 1 22
Long Island Lighting Co: Is authorized b New York PSC to finance up to $300-million in construction expenditures through a trust agreement Oct 1 18
McGraw-Hill: Capital spending; only 2% real growth Dec 15 35
McGraw-Hill: US and the world sees a gloomy 1979 Sept 1 9
McGraw-Hill: US business plans 10% more in '79 Dec 1 9
McGraw-Hill: Utilities' cleanup cost is $19-billion July 1 33
McGraw-Hill: Utilities lead construction boom Dec 15 9
Massachusetts Electric: Kilowatt welfare: Unfair Aug 1 11
Merrill Lynch-White Weld Capital Markets Group: European institutions: An overlooked source of funds Aug 15 11
Nebraska: Cost overrun in an Omaha PPD power plant in Nebraska City included wages paid to several University of Nebraska-Lincoln football players Dec 15 14
NERA: Tracking demand, rate changes Nov 15 9
New Mexico: High court to judge energy tax Nov 15 9
Pennsylvania Power: Pennsylvania PUC votes to give Pennsylvania Power Co $23.3-million rate increase Oct 15 7
Private vs munis: Three battles Dec 1 9
PS of New Hampshire: House of Reps fails to override governor's veto of a bill prohibiting PS of NH from including in its rate base CWIP for construction of its Seabrook nuclear plant July 1 17
Rate freeze in Midwest? Oct 15 7
Seattle City Light: Surplus-power sales stall rate hike Nov 1 9
Second quater appropriations: Which way? Nov 15 9
Short-term loans to utilities by commercial banks loosen up after a period of tight money Dec 15 13
South of Scotland Electricity Board reports a $10.8-million profit this fiscal year Aug 1 17
Supreme Court okays Price-Anderson Aug 1 11
TVA in a financial squeeze Sept 15 27
TVA may float big tax-free bond issue Dec 15 9
TVA pays top dollar for coal Aug 1 22
Utah P&L: High court kills rate hike. Refunds? Oct 1 11
Utilities oppose wage-price rules Dec 15 9
Western Regional Council: Economics is top priority, poll shows Nov 1 9

FORECASTING

Colorado State University: Extremes of winter weather can be forecast at least a few months in advance Aug 15 41
Editorial: Keep an ace in the hole Oct 15 3
Editorial: What happened? (Regarding Electrical World's forecast issue of Sept 15) Oct 1 3
Editorial: A year of low growth: What does it mean? Sept 15 3
Electrical World's 29th Annual Electrical Industry Forecast special report Sept 15 61
Interior Dept can't effectively forecast potential cost production because reserve estimates are unreliable Sept 1 41
Portland GE: Results of load-forecast models differ Dec 15 68

FOREIGN

Europeans win 12-GW Itaipu T/G contract Aug 1 21
What's new in power plants? July 15 46

FOREIGN--AFRICA

South Africa refuses to sign an international nuclear treaty because it fears that international inspections would expose secrets of the country's enrichment process Aug 15 17

FOREIGN--AUSTRALIA

Australia: Radwaste disposal Down Under Sept 15 28

FOREIGN--AUSTRIA

Austrian electorate voted against starting up the 700-MW Tullnerfield N-plant Dec 1 13
Austria will build HVDC link and other transmission facilities to allow power interchange between electrical networks of eastern and western Europe Dec 1 16

FOREIGN--BELGIUM

Belgium heads the percentage of nuclear generation list with 21% of its total electric power from this source Sept 1 13
NRC and Belgian government have concluded an arrangement for exchange of technical information and cooperation in reactor safety research July 15 22

FOREIGN--BRAZIL

Europeans win 12-GW Itaipu T/G contract Aug 1 21

FOREIGN--CANADA

Atomic Energy Control Bd of Canada says: Comparison of estimated risk involved in production of energy by various systems shows lowest risk area to be natural gas used to generate electricity July 1 15
B&W announces its Canadian subsidiary has received a contract from Ontario Hydro to supply 16 nuclear steam generators Aug 1 24
BC Hydro: First of four 220-ton turbine runners for Peace Canyon hydroelectric project arrives aboard a freighter from Russia Sept 1 13
BC Hydro: Longest civil suit in Canada ends when BC Hydro settles out of court with five construction companies Sept 15 20
Canadian and Ontario governments agree to test burial of nuclear waste in hard rock July 15 13
Canadian Electrical Assn: Canadians take a whack at rate debate July 1 78
Hydro Quebec: Completes Outardes 2, composed of three turbogenerators on the Outardes River Nov 1 17
Hydro Quebec has chopped $1.1-billion from its James Bay project by deferring La Grand I generating station Nov 1 17
Hydro Quebec: New tower chosen for 1,000 km of 735-kV line Dec 1 50
Ontario Hydro: Ontario Energy Minister Reuben Baetz applauds Ontario Hydro's new initiative in expanding hydroelectric generation Sept 1 13
Ontario Hydro: Examination of heavy water tubes that circulate liquid through nuclear reactors at Pickering and Bruce Nuclear plants indicats greater stretch in length than anticipated due to constant neutron bombardments of nuclear fission process Oct 1 15
Preliminary district heating study for community of 20,000 is commissioned by Canada's Ministry of Energy & Ministry of Housing July 1 18

FOREIGN--CHINA

China has made inquiries concerning construction of three generating plants Aug 1 17
Coal, hydro will light the lamps of China Dec 1 19

FOREIGN--ENGLAND

British invade load control market in US Nov 15 35
CEGB: Only proven way to offset shortage of fossil fuels is nuclear, says CEGB Aug 15 17
CEGB: Serious delays in Britain's nuclear construction program adds $640-million a year to the nation's electricity bill July 1 15
England now obtains more than 15% of its electricity from nuclear stations Oct 15 11
Providing low-cost hydropower July 1 54
Group of 14 Japanese banks will lend $500 million to British Electricity Council Sept 1 16
Sir Francis Tombs, chairman of Electricity Council, says that England's power industry has an enviable productivity record Nov 15 11

FOREIGN--FIJI

World Bank has granted a $15-million loan to Fiji to finance hydro project Aug 1 17

FOREIGN--FINLAND

Nuclear units for Finland Nov 1 26

FOREIGN--FRANCE

Foreign involvement in Russian nuclear technology is growing with France and Russia announcing that they have singed a mutual cooperation pact Nov 1 15
Rochester G&E: French company chosen by Rochester G&E to inspect steam generators in its Ginna I PWR nuclear plant July 15 22

FOREIGN--GERMANY

Cracks in primary cooling system pipes in West German and Japanese N-plants cause concern with NRC Dec 1 21
Norddeutsche Kraftwerk negotiating with Deutsche Babcock concerning the construction of an offshore power plant that will burn gas Nov 15 11
360 antinuclear consumers are withholding much of their electric bills and depositing it in an antinuclear savings account Sept 15 28
West Germany should be able to dispose of its radwaste from nuclear stations by mid-1990s Sept 1 13

FOREIGN--INDIA

Indian government proposes to construct a 2,000-MW thermal station Aug 1 17

FOREIGN--ITALY

Swiss project to establish a depository for nuclear radioactive waste scares Italy Aug 15 28

FOREIGN--JAPAN

American firm licensed for NO_x control Aug 15 70
China has made inquiries concerning construction of three generating plants Aug 1 17
Cracks in primary cooling system pipes in West German and Japanese Nuclear plants cause concern within NRC Dec 1 21
Group of 14 Japanese banks will lend $500-million to British Electricity Council Sept 1 16
Japan's nine regional electric utility companies and a wholesaler pay a total of $1-billion to US DOE for enriching 13,000 tons of solid waste uranium between now and 1985 Oct 15 32
Japan's Nuclear Fuel Study Committee has developed a joint government/private enterprise nuclear fuel investment plan Sept 15 17
Japan puts largest BWR Plant on line in seven years July 15 19
Japanese developed NO removal process will be used at an EPA-Georgia Power demonstration plant July 15 15
Japanese region utility companies may already be sealing radwaste in asphalt instead of concrete Oct 1 15
Japanese utility settles with fishermen to permit the firm to build a nuclear plant after 10 years of lobbying Oct 1 15

FOREIGN--KOREA

New US/South Korean company, joint venture of Hyundai Business Group and Westingbouse, will design, manufacture, and sell thermal and nuclear-generation equipment Nov 1 15
South Korean government plans to build 11 pumped storage plants and 46 nuclear plants by year 2,000 and intends to have tidal plants by 1986 Nov 15 13

FOREIGN--LIBYA

Libya's left-leaning militan regime engaged in a frantic search for weapons-grade nuclear materials; reports persist that Pakistan may have offered Libya funds to buy nuclear processing plant ordered from France in 1976 Oct 1 24

FOREIGN--MEXICO

Cerro Prieto geothermal energy power plant in Mexico is expected to be expanded to a capacity of 290-MW by end of 1984 Dec 15 11

FOREIGN--PAKISTAN

Libya's left-leaning militan regime engaged in a frantic search for weapons-grade nuclear materials; reports persist that Pakistan may have offered Libya funds to buy nuclear processing plant ordered from France in 1976 Oct 1 24

FOREIGN--PARAGUAY

Europeans win 12-GW Itaipu T/G contract Aug 1 21
A $32.5-million loan to help Paraguay complete the first stage of a national rural electrification approved Aug 1 17

FOREIGN--PHILIPPINES

Philippines move toward nationalization Aug 15 28

FOREIGN--RUSSIA

USSR builds a network of underground pumped storage stations in Europe Oct 1 17
USSR: Construction of USSR breeders continues Nov 1 15
First of four 220 ton turbine runners for Peace Canyon hydroelectric project arrives aboard a freighter from Russia Sept 1 13
Foreign involvement in Russian nuclear technology is growing with France and Russia announcing that they have signed a mutual cooperation pact Nov 1 15
New enrichment process for uranium is claimed by Russians Nov 1 15

FOREIGN--SAUDI ARABIA

US and Saudi Arabia have taken the first step toward implementing a cooperative agreement for solar energy R&D Aug 15 41

FOREIGN--SCOTLAND

South of Scotland Electricity Bd reports a $10.8-million profit this fiscal year Aug 1 17

FOREIGN--SWEDEN

Construction of Western Europe's first 800-kV line will start next year if Swedish State Power Bd gets funding Oct 1 17
Controls on PCBs are tightened by Swedish environmental authorities Aug 15 17
Joint study to improve BWRs Sept 1 22
Piping hot water 40 miles from a nuclear plant would be cheaper by $12-million per year than building a 500-MW fossil-fired plant that would be used for district heating Oct 1 18
Second developmental phase of the pressurized fluidized bed combustion process has been announced by AEP and Stal-Laval Turbin AB Oct 15 11
Sweden's government dissolves over the nuclear issue Nov 1 15
Sweden's Inspectorate states, it is the conventional components that cause most of the safety related accidents Aug 1 24
Swedish State Power Bd: Data system upgrades network controls Aug 15 76

FOREIGN--SWITZERLAND

Swiss project to establish a depository for nuclear radioactive waste scares Italy Aug 15 28

FOREIGN--TAIWAN

Taiwan issues postal stamp featuring its first GE BWR Nov 1 23

FOSSIL

Fossil boiler survey: Fossil boiler sales make mild recovery Dec 15 52

FUELS

Arizona PS and Tucson G&E: Regulators lean on fuel clause Oct 15 7
Central & South West Corp forms a fuel subsidiary Oct 1 48
Kentucky: Fuel-clause rules tighten in Kentucky July 1 22
Navajo Indians win US District Court approval of right to levy taxes on mining, oil, and gas, electric power and other companies operating on their reservation in Arizona, New Mexico, and Utah Sept 1 41

FUELS--COAL

Application to mine peat in four coastal northeastern Carolina counties is filed with the state by First Colony Farms July 1 17
Arizona PS: Cut load on coal feeders and add $5,000 to wallet Dec 1 63
Arkansas P&L: Study funded by Arkansas P&L and Arkansas Electric Co-op Corp indicates that Arkansas lignite may offer a viable alternative to western coal Aug 1 15
After defeat in House, coal slurry advocates get ready for next year's battle Sept 1 41
Associated Electric Co-op: Scrubbing gas from high sulfur coal Oct 15 76
Baltimore G&E: Pays more than twice the national average for coal and that costs customers an extra $9-million per year Aug 1 15
Battelle Memorial Institute: Steam coal prices expected to moderate in the 1980s Dec 1 15

California Air Resources Board study: New coal-fired power plants can be equipped with controls that would reduce emissions to low levels and perhaps 10 times less polluting than oil-fired plants Dec 15 11
China: Coal, hydro will light the lamps of China Dec 1 19
Sherman H. Clark Associates: Says there will be a substantial price increase in coal Oct 15 80
Coal and California: Pt I July 1 55
Pt II July 15 49
Coal slurry pipeline legislation is still moving along despite House Commerce Committee efforts to kill Coal Pipeline bill Aug 15 17
Con Edison: Preliminary results of nation's first large scale demonstration burn of SRC-II indicates performance and emission characteristics are comparable to imported low-sulfur oil Nov 15 14
Con Edison: Test burns 4,000 bbl of liquid synthetic coal called SRC-II at its 74th Street plant in Manhattan Oct 15 13
Dairyland Power Co-op: Dozing, compacting avert coal pile fires Aug 1 63
Detroit Edison: Letter of intent to supply two plants with coal for 20 years signed by DE and Cleveland Cliffs Iron Co July 15 15
FERC: 260 new coal-fired units slated for operation between 1977 and 1986 are projected to consume 415-million tons of coal annually July 15 15
Florida Power Corp finely hones coal-oil composite Aug 1 21
Fluidized bed combustion will become a major coal burning technology for industries and utilities starting in the 1980s Aug 15 71
Government regulations must match the Administrations commitment to coal July 1 17
Interior Dept can't effectively forecast potential cost production because reserves estimates are unreliable Sept 1 41
Interior Office of Surface Mining attempts to legislate by regulation Oct 15 13
ICC approval of a 22% rate hike of coal shipments by L&N RR is protested to the President by a delegation of Kentucy congressmen Dec 15 11
ICC comes under fire Dec 1 4
The local coal mess (Washington Comment) July 1 4
McDowell-Wellman Co: Says it has developed a process to convert high-sulfur coal into a high-grade clean coal Oct 15 13
Montana: 3 coal producers and 11 utilities file suit to overturn a coal production tax imposed by Montana July 15 15
Much coal on federal lands may be classified as environmentally unsuitable for leasing Oct 15 80
National Coal Assn: Coal is apparently exempted from voluntary wage/price guidelines Dec 1 15
National Coal Assn: Electric utilities are expected to burn 497 million tons of coal this year July 15 15
National Coal Assn: Individual coal companies feel impact of overregulation and are beginning to be hurt by excessive constraints Dec 15 11
National Coal Assn: New financial reporting system proposed by DOE will have a very detrimental effect on coal industry Aug 15 71
National Coal Assn: 1982 consumption of coal by industries could rise to 115-million tons Aug 1 48
National Coal Assn: Sharply revises 1978 coal use and production estimates downward from 1977 Oct 15 13
National Coal Assn: US bituminous coal production in 1978 will fall over 1977 output Aug 1 48
NERC analyzes impact of coal strike Aug 1 58
Nerco Inc signs a 25-year agreement with Utility Fuels for coal worth $1.7-billion July 15 15

North American Coal Corp: US coal industry is in great danger of being unable to take advantage of its opportunities because of unreasonable government regulation Aug 1 15
North Dakota: Design and engineering work on a controversial $1-billion coal-gasification plant near Beulah, ND, has been halted for at least a year Dec 1 15
Northeast Coal Utilization Program: Coal-derived liquids: A continuing study July 1 52
Ohio coal operators sue in federal court in an attempt to block five electric utilities from converting to low sulfur coal mined in other states Oct 1 48
Ohio Edison: Says it will install about $450-million of pollution control equipment at W.H. Sammis plant Sept 15 96
Operation of coal-fired power plants results in more deaths than nuclear, oil, or natural gas generating facilities, says AMA Sept 1 41
Pennsylvania P&L: Five year bituminous coal contract between Pennsylvania P&L and Benjamin & Empire Coal companies attempts to stabilize coal costs and assure dependable supply Aug 15 17
Portland GE: Spends $1-million to buy 50% of coal mine Oct 15 80
Radio-controlled coal cars load barges at 3,000 tons/hr Sept 15 152
Rocky Mountain Energy: EPA's draft proposal requiring flue-gas desulfurization equipment on all new power plants will cause a curtailment in development of western coal Nov 1 48
Solvent refined coal demonstration plants will be designed by Southern Co of Atlanta and Gulf Oil of Pittsburgh for DOE Sept 1 41
Southern California Edison: Has filed a notice of intention to seek approval for an integrated coal gasifcation combined cycle demonstration project using Texaco gasification techniques
Southern Colorado Power Div: Mix sawdust with coal for a clean and cheap boiler fuel Nov 1 64
Steam Station Design Survey: Coal is still the hot fuel Nov 15 73
TVA chairman acts on gripe from coal firm Sept 1 21
TVA is developing a program to encourage and assist small coal operators Dec 1 13
TVA pays top dollar for coal Aug 1 22
TVA plans to enforce compliance by coal contractors that are violating the sex discrimination laws Oct 1 48
TVA: Reliability study shows that the bigger the plant the better the power production Oct 15 80
TVA: Signs coal contract despite dissent Oct 1 23
TVA: Tennessee mining company accuses TVA fuel procurement officials of refusing to buy its coal Aug 1 15
Third World states flex their muscles July 15 3
Union Electric has been granted a variance from air pollution standards for its Labadie and Sioux plants by Missouri Air Conservation Commission Sept 15 96
US coal production will be 1/3 less than the 1,200 million ton National Energy Plan goal for 1985 Aug 1 48
Utilities in the Northeast could generate electricity with clean liquid fuels derived from coal by the late 1980s Aug 1 48
Western Railroad Assn says its 21 members will boost freight rates on most commodities because of a recent labor settlement Oct 15 80
Wisconsin PS: Ordered by PSC to build a coal-fired plant without scrubbers Oct 1 48
Wyoming: Increase in $3.70/ton in rail rates is approved by ICC for hauling Wyoming coal to San Antonio, Texas Nov 15 14
Slurry pipeline advocates launch publicity campaign Nov 15 33

FUELS--GAS

Atomic Energy Control Bd of Canada says: Comparison of estimated risk involved in production of energy by various systems shows the lowest risk area to be natural gas used to generate electricity July 1 15

DOE's ERA issues proposed rules to implement provisions of the Powerplant & Industrial Fuel Use Act that will minimize use of petroleum and natural gas in utility and industrial boilers Dec 15 11
Southern California Edison: Use of gas to fuel power plants could increase in years ahead and lower cost of producing electricity, if a pilot project of EPRI and Socal Edison is successful Nov 1 48

FUELS--NUCLEAR

NY PSC says examin ation of comparative economics of nuclear and fossil generating facilities doesn't provide enough evidence to favor one fuel over the other Sept 15 96
Nuclear fuel commitments Nov 15 36
Portland GE: Fuel storage pool expansion Dec 15 32
SMUD: Nuclear fuel savings plan Dec 15 32
Westinghouse Hanford Co: Evaluating nuclear fuel performance Dec 1 46

FUELS--OIL

DOE insures against rapid oil price hikes Sept 1 21
DOE proposes standby price and allocation regulations for petroleum products Aug 15 17
DOE's ERA issues proposed rules to implement provisions of thr Powerplant & Industrial Fuel Use Act that will minimize use of petroleum and natural gas in utility and industrial boilers Dec 15 11
EPRI: Global oil shortage for remainder of century is likely to be avoided July 1 17
Florida Power Corp: Finely hones coal oil components Aug 1 21
Getty Oil Co has received notice of probable violation from DOE Aug 1 15
Occidental Research Corp: Experiment to convert solid wastes into fuel oil suspends operations Aug 15 17
Oil and utility industry officials claim there would be deleterious economic effects if Los Angeles South Coast Air Quality Management District adopts proposed SO_2 emission standards Aug 1 15
Rand Corp study for CIA: Oil: The dynamics of the world market: Part I Dec 1 47
Part II Dec 15 57
Shell Oil: Improperly calculated its crude oil costs between September 1973 and November 1974 Aug 1 15

FUELS--URANIUM

Afro-Euro-Japanese joint uranium venture starts trial operation to produce yellow-cake in Akouta, Niger Nov 1 26
Baltimore G&E: Actively exploring for uranium in Wyoming and Texas Aug 1 15
DOE raises uranium enrichment charges 18.4% the day after President Carter calls for price and wage restraint to fight inflation Nov 15 11
DOE's annual report on commercial uranium marketing activities in 1977 shows little rise in uranium prices Sept 1 13
Japan's nine regional electric utility companies and a wholesaler will pay a total of $1-billion to DOE (US) for enriching 13,000 tons of solid-waste uranium between now and 1985 Oct 15 32
Long Island Lighting: Has entered an agreement with Bokum Resources Corp to complete a uranium mine and mill in New Mexico Sept 15 96
Russia: New enrichment process for uranium is claimed by Russians Nov 1 15
TVA: Awarded two long term contracts to International Minerals & Chemical Corp Nov 15 36
Texas Utilities Basic Resources Inc leaches uranium from mill tailings Oct 1 21
Third World states flex their muscles July 15 3
Uranium-drilling project proceeds Dec 1 47

Westinghouse: Uranium suits: Westinghouse settles out of court with Texas utilities composing the South Texas project Nov 1 15
Westinghouse must honor its uranium fuel contracts with seven utilities Nov 15 11

FUELS OUTLOOK

Coal and California: Pt I July 1 55
Pt II July 15 49

NCA: US bituminous coal production in 1978 will fall over 1977 output; NCA: 1982 consumption of coal by industries could rise to 115-million tons; US coal production will be 1/3 less than the 1,200 million ton National Energy Plan goal for 1985; Utilities in the Northeast could generate electricity with a clean liquid fuel derived from coal by the late 1980s Aug 1 48

NCA: New financial reporting system proposed by DOE will have a very detrimental effect on the coal industry; Fluidized bed combustion will become a major coal burning technology for industries and utilities starting in the 1980s; Southern California Edison has filed a notice of intention to seek approval for an integrated coal gasification combined cycle demonstration project using Texaco gasification techniques Aug 15 71

Solvent refined coal demonstration plants will be designed by Southern Co of Atlanta and Gulf Oil of Pittsburgh under contracts by DOE; After 246 to 161 defeat in House, coal slurry advocates getting ready for next year's battle; Navajo Indians win US District Court approval of right to levy taxes on mining, oil, and gas, electric power and other companies operating on their 15-million acre reservations in Arizona, New Mexico, and Utah; Interior Dept can't effecitvely forecast potential cost production because reserves estimates are unreliable; Operation of coal fired plants results in more deaths than nuclear, oil or natural gas generating facilities Sept 1 41

New York PSC says examination of comparative economics of nuclear and fossil generating facilities doesn't provide enough evidence to favor one fuel over the other; Lilco has entered an agreement with Bokum Resources Corp to complete a uranium mine and mill in New Mexico; Union Electric has been granted a variance from air pollution standards for its Labadie and Sioux plants; Ohio Edison will install $450-million of pollution control equipment at its W.H. Sammis plant Sept 15 96

Wisconsin PS ordered by PSC to build a coal-fired plant without scrubbers; TVA plans to enforce compliance by coal contractors that are violating the sex discrimination laws; Central & SouthWest Corp forms a fuel subsidiary; Ohio coal operators sue in federal court in an attempt to block five electric utilities from converting to low-sulfur coal mined in other states Oct 1 48

Much coal on federal lands may be classified as environmentally unsuitable for leasing; Portland GE spends $1-million to buy 50% of coal mine; Sherman H Clark Associates say there will be a substantial price increase in coal; Western RR Assn says its 21 members will boost freight rates on most commodities because of a recent labor settlement; TVA reliability study shows that the bigger the plant the better the power production; LADWP trash to methane to kWh project expected off the ground by next spring Oct 15 80

EPA's draft proposal requiring flue-gas-desufurization equipment on all new power plants will cause a curtailment in development of western coal; Electric power generator floating on Pacific Ocean and using warm surface water heated by solar radiation for fuel will begin test operations next spring; Use of gas to fuel power plants could increase in years ahead Nov 1 48

Rand Corp study for CIA: Oil The dynamics of the world market Part I Dec 1 47
Part II Dec 15 57

G

GENERATION--CONVENTIONAL

COMBINED-CYCLE

California law will expedite regulators siting processes for research experiments into alternative energy sources Oct 15 11
Pacific G&E: Files application for building a $182-million 414-MW combined-cycle Unit 7 at Potrero plant Oct 15 11

COMBUSTION TURBINE

Sandia Laboratories: Construction of a $10-million combustion research facility has begun Sept 15 48

HYDRO

Allis Chalmers: Giant hydro-turbine goes on line at Grand Coulee Sept 1 19
Army Corps of Engineers studying more hydro in Oregon Aug 15 15
BPA: Utilities in Portland sue BPA for hydro Sept 1 20
BC Hydro: First of four 220 ton turbine runners for Peace Canyon hydroelectric project arrives aboard a freighter from Russia Sept 1 13
Canada GE: Investigation launched on vandalism and possible sabotage on three generating units at Grand Coulee's third powerhouse Dec 1 13
Coal, hydro will light the lamps of China Dec 1 19
DOE will consider proposals for government financial support of projects involving

low-head hydropower facilities at existing dams Sept 1 13
England: Providing low-cost hydropower July 1 54
EPA delivers a one-two punch to the embattled Dickey-Lincoln hydropower project in northern Maine Oct 15 13
Europeans win 12-GW Itaipu turbine/generator contract Aug 1 21
FERC has a new short-form license for small hydro projects Oct 1 17
FERC reaffirms decision authorizing Seattle, Wash, to substantially raise the height of Ross Dam Sept 15 20
Fiji: World Bank has granted a $15-million loan to Fiji to finance hydro project Aug 1 17
Five utilities and aluminum companies are bidding competitively for partnership in six hydro plants planned by South Columbia Basin Irrigation District Dec 15 11
Hydro Quebec: Completes Outardes 2, composed of three turbogenerators on the Outardes River Nov 1 17
Hydro Quebec has chopped $1.1-billion from its James Bay project by deferring La Grand 1 generating station Nov 1 17
Interior Dept has approved first of six proposed generating units to be built on Irrigation canals in Central Washington Columbia River Basin Dec 1 13
Jess Tocks Island Dam project on Delaware River has been effectively killed Nov 15 11
Korea: South Korean government plans to build 11 pumped storage plants and 46 nuclear plants by year 2,000 and intends to have tidal plants by 1986 Nov 15 13
Montana Power Laugh all the way to the bank as sawdust seals pipe leaks Nov 1 62
National Management Assn: R volving fund for Appalachia hydro study Sept 15 28
Ontario Hydro: Ontario Energy Minister Reuben Baetz applauds Ontario Hydro's new initiatives in expanding hydroelectric generation Sept 1 13
Ontario Hydro: Over the next 15 years up to 17 new hydro power projects could result from a program given general approval by Ontario Hydro's board of directors Sept 15 20
Pacific G&E: Two cities petition FERC for preference in the relicensing of hydro projects Nov 1 17
Seattle, Wash, will proceed with plans to raise the Skagit River Dam 122 feet and extend the reservoir 10 miles across the border into Canada Oct 15 13
South Carolina E&G starts up four 60-MW generators July 1 15
Small hydro generates new interest Oct 1 46
TVA's Raccoon Mountain pumped storage hydroplant's operation is delayed by a vibration problem Oct 15 11
TVA's Raccoon Mountain pumped storage Unit 1 plagued by vibration problems is expected to begin restricted operation this month Nov 1 15
USSR builds a network of underground pumped storage stations in Europe Oct 1 17
US federal judge halts Eastern Wyoming Grayrocks Dam construction and holds up federal loan guarantees for the $1.4-billion Missouri Basin Power Project Nov 1 17
Washington Comment: Solar policy, hydro, and interstate pollution: Three situations to watch Sept 1 4

STEAM

Allied Power Co-op plans to build a coal-fired plant Sept 1 13
Arizona PS: Cut load on coal feeders and add $5,000 to wallet Dec 1 63
Associated Electric Co-op: Scrubbing gas from high-sulfur coal Oct 15 76
California Air Resources Board study: New coal-fired power plants can be equipped with controls that would reduce emission to low levels and perhaps 10 times less polluting than oil-fired plants Dec 15 11
Central Iowa P&L: Moving on plans to build a coal fired generating station Aug 1 17
China has made inquiries concerning construction of three generating plants Aug 1 17
Commonwealth Edison: Custom built gantry crane cuts schedule outage time Oct 1 63
Dayton P&L: Change bolts, doors; save $6,000/yr, win $800 Nov 1 51
Duke Power: Reface large flanges in-place for major cost, time savings Oct 15 129
Duke Power takes system heat rate crown again Aug 15 25
EPA refuses to issue a construction permit for Colstrip coal-fired units 3 and 4 July 1 15
Five investor-owned utilities in Northwest stand to lose $134-million if Colstrip Units 3 and 4 are scrapped Aug 15 15
Florida Power: Finely hones coal-oil composite Aug 1 21
Florida P&L: Approves outlay of $170-million for initial work on a proposed coal-fired plant that would be operational in mid-1980s Sept 1 13
Florida P&L: Spending of $170-million for initial work on first coal-fired unit is approved by utility's board Aug 15 15
Fossil boiler sales make mile recovery (Fossil boiler survey) Dec 15 52
GAO hits TVA; 'inaccurate,' says chairman Dec 15 30
Japan: American firm licensed for NO_x control Aug 15 70
Kansas City P&L: Acres of vinyl-ester resin halt SO_3 surface corrosion Oct 15 131
Metropolitan Edison: Divers use catch basin to clear water intake Dec 1 59
Minnesota P&L: Chemical additive antidote cures water wall slagging Dec 1 63
Monongahela Power: Fire that badly damaged DOE's fluidized bed coal combustion facility at Rivesville plant caused by carbon rich deposits collecting on downstream equipment Oct 1 17
Northeast Coal Utilization Program: Coal-derived liquids: A continuing study July 1 52
Northeast Utilities: Boiler-overhaul crews walk the plank safely Dec 1 62
Northern States Power: May offer to incinerate certain potentially hazardous waste materials in some of its power plants Oct 15 11
Ohio Electric: Jacking platform saves 480 man/hr/yr on pulverizer Nov 15 117
Ohio Valley Electric Corp: Clean live-transformer fins with water spray Dec 15 73
Pacific G&E: EPRI authorizes construction of pilot plant to demonstrate new type of water conserving cooling system Sept 15 20
Portland GE: Boardman plant is jeopardized by possible prohibition of dumping sites for flyash Oct 1 17
Radio-controlled coal cars load barges at 3,000 tons/hr Sept 15 152
Residents of Ely, Nevada, push construction of 1,000-1,500-MW coal-fired plant in White Pine County Oct 1 17
Steam station design survey: Coal is still the hot fuel Nov 15 73
TVA Chairman S. David Freeman accuses GE and Brown Boveri of using monopoly power to gouge TVA on power plant replacement part prices Nov 1 17
TVA envisions a tight power supply picture for the region this winter Nov 15 11
TVA's reliability study of its coal-fired plants questions the concept that the bigger the plant the better the power production Sept 15 20
TVA: Whether TVA's major future generation increases will come from coal, nuclear, or other alternatives will be decided by yearend July 1 15
Utah P&L: Small, shallow draft dredger ensures plant's water supply July 15 66
What's new in power plants July 15 46
Wyoming: To speed up work on the Laramie River station, Wyoming Industrial Siting Council approves an amendment to Missouri Basin Power Project permit to authorize an enlarged work force Aug 15 15
Washington Comment: Solar policy, hydro, and interstate pollution: Three situations to watch Sept 1 4
Utilities blame government for building lag Oct 15 31

GENERATION--NON-CONVENTIONAL

FUEL CELL

On-site integrated energy system powered by low-temperature fuel cell will be developed by Westinghouse in conjuction with Energy Research Corp for DOE Oct 15 71

GEOTHERMAL

Burbank, California, is reviewing alternative sites for a hybrid geothermal/coal-fired plant that may produce 750-MW Nov 15 13
Exploratory drilling for geothermal sources begins in Hyde County, NC, says DOE Nov 15 13
General Crude Oil Co: Drilling begins near Houston on world's first geopressurized geothermal test well Sept 1 15
India: Indian government proposes to construct a 2,000-MW thermal station Aug 1 17
Mexico: Cerro Prieto geothermal energy power plant in Mexico is expected to be expanded to a capacity of 290-MW by end of 1984 Dec 15 11
13 thermal generating plants may not be needed by 1990 in the Northwest Aug 15 15
Pacific G&E: System that removes hydrogen sulfide gas from geothermal steam will be field tested next year by Pacific G&E and Union Oil Co Sept 15 48
Philippines move toward nationalization Aug 15 28
San Diego G&E: Geothermal project aimed at demonstrating binary cycle technology for converting Imperial Valley brine to electricity will be reluctantly scrubbed because DOE will not participate Aug 1 17
San Diego G&E: Signs letter of understanding to construct a commercial geothermal energy plant in California's Imperial Valley Sept 1 15
Southern California Edison: Union Oil Co of California will sell geothermal steam to Socal Edison Sept 1 15

NUCLEAR

Arkansas P&L and Babcock & Wilcox: Increasing nuclear fuel assembly life July 1 54
Before-the fact modeling solves tower problems Oct 15 127
Martin Marietta: 'Copter threads needed to set scrubber tank Sept 1 58
New method for decontaminating and compacting metallic nuclear wastes will be evaluated at DOE's Pacific Northwest Laboratories Aug 15 70
Parts management cuts nuclear downtime Aug 15 68
PS of Colorado Two generating units both equipped with electrostatic precipitators and wet scrubbers still fail to meet state air quality standards Nov 15 13
Requalifying nuclear operators Nov 1 44
Rochester G&E: Has asked New York State Siting Board to remove a building permit suspension so it can start construction of a nuclear plant at Sterling Aug 15 15
Scrubbers: A chemical additive commonly used in pies and soft drinks boosts scrubber efficiency Sept 15 4
Standardizing generating plants Pt I June 15 38
Pt II Aug 1 44
Pt III Sept 15 92
Second order prefab resolves worksite bottlenecks Aug 15 90
System cuts radwaste disposal cost Dec 1 44
TVA: Whether TVA's major future generation increases will come from coal, nuclear, or some other alternative will be decided by yearend July 1 15
Uranium drilling project proceeds Dec 1 47
Utilities blame government for building lag Oct 15 31

OCEAN GRADIENT

Congress: Ocean thermal energy conversion will probably not amount to much in this century and should not receive heavy government funding July 1 15
Electric power generating floating on the Pacific Ocean and using warm surface water heated by solar radiation for fuel will begin test operations next spring Nov 1 48
Norddeutsche Kraftwerk negotiating with Deutsche Babcock concerning construction of an offshore power plant that will burn gas Nov 15 11

SOLAR

California PUC and Energy Commission both agree that widespread promotion of solar energy should receive top state priority Dec 1 15
DOE: New funding for solar project July 1 55
DOE will negotiate with Martin Marietta and a unit of McDonnell Douglas to design large mirrors for solar generation Sept 1 13
Editorial: Solar energy poses some elemental questions Nov 1 3
EPRI has developed a thermo-photovoltaic converter which has potential use in solar generating stations Aug 15 41
Georgia Power will install 67,000 sq ft of parabolic sun tracking solar collectors on its new office building July 15 15
Long Island Lighting: Offers solar water heating system to 600 qualified residential customers at cost Nov 1 15
National Solar Action group charges that powerful forces within government are trying to direct solar energy away from consumers and into central utilities Dec 1 15
Navy studies energy conservation, alternative sources Sept 15 25
Politics and marketing confuse solar's future Nov 1 23

PS of New Mexico: Has a 30-home solar water-heating experiment underway July 15 15
Varian Associates develops a prototype solar cell under DOE contract from Sandia Aug 15 41
Washington Comment: Solar policy, hydro, and interstate pollution: 3 situations to watch Sept 1 4

TIDAL POWER

Korea: South Korean government plans to build 11 pumped storage plants and 46 nuclear plants by year 2,000 and intends to have tidal plants by 1986 Nov 15 13

WIND POWER

American Wind Energy Assn: Windmills will ultimately be cheaper than conventional power plants Nov 1 17
Pennsylvania P&L: Gets its veryown wind power unit Oct 15 29
Southern California Edison: Some utilities expect to bend with the wind Dec 15 29

H

HEAT PUMPS

AEP: Heat pumps get high grades up north Sept 15 142

I

INSULATION

California-Pacific Utilities: Will pay for residential insulation July 1 24
Insulation coordination is getting special attention by International Electrotechnical Commission Oct 15 71
Johns-Manville Contract Div: Pin anchored wire holds down tank-top insulation Nov 15 118
New process reduces XLP-insulation voids Nov 15 97

San Diego G&E: Airborne thermal imagery gives clues on heat losses July 1 86
UL is investigating whether external insulation on electric water heaters could cause overheating of the supply wiring at the point of connection in the water heater Dec 1 15

INSULATORS

McGraw-Edison Co and Gould: Insulators can be made stronger and less costly in light of two EPRI developments Oct 15 71

INSURANCE

Nuclear plant operators get $2.2-billion in insurance refunds because of the good safety record they maintained last year Aug 15 17

INTERCONNECTIONS

Mid-America Interpool Network (MAIN): Pool analyzes transmission line outages Dec 15 62
New York Power Pool: Pool implements new tie models Dec 1 54

L

LABOR

Dept of HEW proposes elimination of 10-year work limit for coal mines showing early signs of black lung Sept 1 16
Detroit Edison conducts investigation of allegations that one or more employees in its Employment Div accepted money from job seekers for preferential treatment in hiring July 1 18
Future needs: Capital, skilled labor, engineers Dec 15 31
NERC analyzes impact of coal strike Aug 1 58
Pacific P&L: fires its former president from his public relations job at its Nerco Inc subsidiary July 1 18
Philadelphia Electric: Early retirements sweetner package draws over 40% of those eligible July 1 18
PS Co of Colorado: Lest it be lost, time, like money needs watching Sept 15 154
PS of New Hampshire: Starts layoff of construction workers at Seabrook nuclear plant site Aug 15 18
Southern California Edison: Signs agreement with Utilities Workers Union of America ending strike Sept 1 16

LEARNING CURVE

Book remarks (review of books) July 1 41

How to contest an OSHA citation--Part I July 15 39
Part II Aug 1 37
What can electric utility people do to project the best image when appearing on TV
Pt I Aug 15 37
Pt II Sept 1 31
Pacific P&L: How to use video inside the company Sept 15 40
How to use transactional analysis: Part I Oct 1 33
Part II Oct 15 55
How to start a speaker's bureau Nov 1 33
True grit: How to handle those days when you are not physically or mentally up to par Nov 15 61
How to spot benefit bums and on the job retirees (Of cabbages and kings) Dec 1 33
Book reviews Dec 15 41

LEGISLATION

After defeat in House, coal slurry advocates get ready for next year's battle Sept 1 41
California Senate voted 24-8 to abolish California Energy Resources Conservation & Development Commission Aug 1 17
California studies urge energy program revamp Sept 15 25
Clinch River Breeder Reactor Project: House approves $172.5-million for CRBRP Oct 1 24
Congress changes the Endangered Species Act and extends it for 18 months Nov 15 13
Editorial: The National Energy Act isn't Dec 15 3
Federally legislated reliability--again! Aug 1 3
Feds anxiously seek state regulators' ideas Dec 15 29
National Energy Act is passed by Congress Nov 15 11
Nebraska legislative power industry task force drafts legislation to resolve rate disputes among the state's public power utilities Dec 15 13
Navajos win land-tax suit, seeks SO_2 tax Oct 15 32
New energy sources have drawbacks, too Nov 15 33
North American Coal Corp: US coal industry is in great danger of being unable to take advantage of its opportunities because of unreasonable government regulations Aug 1 15
Three year moratorium on power plant air pollution standards requested by Ohio Gov James A. Rhodes is formerly turned down by EPA Aug 15 17
Public works appropriations act signed by President provides $11.6-billion in funding for fast breeder program Nov 15 11
Rate reform and the Feds Nov 15 4
Tocks Island Dam project on Delaware River has been effectively killed Nov 15 11
US dollar keeps retreating in value after the Bonn economic summit which reports say devalued US prestige Aug 15 15
Utilities blame government for building lag Oct 15 31
Voters favor nuclear power Dec 15 32
Washington: Foresight is rare in Washington, but every now and then a thinker sees a problem looming and does something about it July 15 4
Washington Comment: Small number of Republican gains in Congress from last month's election conceals the fact that there was a major increase in probusiness sentiment Dec 15 4

LIGHTING

Southwestern PS: New slant on roadway lighting minimizes car-pole crashes Nov 15 117

LITIGATION

Baltimore G&E: Maryland PSC improperly ordered BG&E to refund $31.8-million to customers in alleged overcharges Dec 15 13
Bonneville Power Administration: Expects to be taken to court no matter what our conclusions are regarding allocation of power supply in Northwest, says administrator Sterling Munro July 1 18
BPA has also worked out right of way agreement with the Confederated Tribes of the Warm Springs Reservation July 15 15
BPA: US District Court in Portland turns down a Washington state request to halt construction of BPA transmission line across Benton County, Wash July 15 15
BC Hydro: Longest civil suit in Canada ends when BC Hydro settles out of court with five construction companies Sept 15 20
California Energy Commission is reviewing a court decision ordering it to begin hearings on Stanislaus nuclear project July 1 18
Chesapeake Bay environmental group and Calvert County (Md) government agree to drop their law suit challenging the adequacy of state control of discharge water from Calvert Cliffs nuclear plant Sept 15 20
Cleveland Electric Illuminating: Collects $3-million installment on the city of Cleveland's electric bill Nov 15 13
CEI: Justice Dept asks federal court in Cleveland not to force the sale of the Cleveland Municipal Light plant to satisfy the city's debt to CEI Dec 1 15
Colorado district court overturns PUC decision freezing Colorado Ute Electric Assn management salaries and directing the sale of one of two airplanes Dec 1 15
Duquesne Light and two industrial customers appeal Pennsylvania PUC rate increase decision that granted utility an additional $31.6-million Dec 1 15
Florida Power Corp: Federal appeals court denies request that it be allowed to put its Anclote River plant on line immediately pending resolution of its court fight with EPA over cooling facilities Sept 1 15
Florida Power Corp: Florida officials and Florida Power Corp negotiating for rebates in the alleged oil pricing scandal that may have cost consumers $8.5-million Aug 1 17
Florida Power Corp: Federal judge refuses to give emergency power permit to Florida Power Aug 1 18
Florida Power Corp: Two former top officials of Florida Power and five Texas oilmen are indicted by a federal grand jury in Tampa charged with conspiracy and fraud for selling oil to the utility at inflated prices Oct 15 14
Gilbert Associates & Florida Power Corp settle year-old lawsuit out of court Oct 1 18
Indianapolis P&L petitions US Court of Appeals in Chicago to review EPA's order denying the utility a permit to build a coal-fired plant Sept 15 20
Louisiana P&L: Fight between two Louisiana munis and Louisiana P&L ends in an out of court settlement Nov 1 18
Missouri Gas Co is ordered to levy a special charge to subsidize poor people unable to pay winter heating bills Dec 1 16
Mobil Oil: DOE Learns that Mobil taped phone conversation between it and Mobil officials Aug 1 18
Montana: 3 coal producers and 11 utilities file suit to overturn a coal production tax imposed by Montana July 15 15
Ohio Power: Ohio Supreme Court censures Ohio Power on its use of fuel clauses Aug 15 18
OSHA cites Research Cottrell with 10 willful violations at the concrete cooling tower construction site at Monongahela Power Co Willow Island plant where 51 construction workers plunged to their deaths July 1 17
Otter Tail: FERC law judge orders Otter Tail to reduce wheeling rates to 16 munis in in Minnesota and to file revised rates so that munis can get refunds on transmission rates that had been subject to refund since June 1, 1977 Oct 15 14
Philadelphia Electric: Pennsylvania state court rules that state PUC is justified in ordering higher rates for PE's industrial customers than for residential customers Sept 15 20
Reddy Communications: Environmental Action Foundation sued by Reddy Communications for making fun of its Reddy Kilowatt trademark files a counter suit Oct 15 14
SMUD and Westinghouse have reached settlement in lawsuit filed by Westinghouse resulting from failure of Rancho Seco nuclear plant's steam turbine rotors in June 1975 Oct 15 32
Supreme Court lets stand strict US air quality standards for Ohio Nov 15 13
Three California utilities file suit to get Proposition 13 tax benefits Aug 15 18
US Supreme Court refuses to review a lower

court's decision that Florida &L has conspired with Florida Power to divide the state's wholesale power market Dec 15 13
Utilities in Portland sue BPA for hydro Sept 1 20

LOAD MANAGEMENT

British invade load control market in US Nov 15 35
Dayton P&L: Load management plan pinpoints priorities Dec 15 70
Detroit Edison will study modifying its Conners Creek power plant to heat and cool buildings near the plant Nov 1 18
Editorial: Load management is waiting in the wings Aug 15 3
Load management studies top 100 mark Nov 1 56
Load management system chops 3.2-MW from peak demand of municipal utility in Albany, Georige Dec 15 13
Pacific G&E: Will conduct an air conditioning load deferral study involving 500 industrial and commercial customers July 1 17
Southern California Edison Co: California Energy Commission votes to delay mandatory load management indefinitely Nov 1 18
TVA: Proposed load management project at TVA would equip from 4,000 to 7,500 homes with controls on home heating appliances, connected by two-way communications to the electrical distributor Dec 15 13

M

MAINTENANCE

Arizona PS: First, flight training--then welding for topside trainees Nov 1 61
Cleveland Electric Illuminating: Big picture is a road map of the boiler July 15 65
Dayton P&L: Change bolts, clamps, doors; save $6,000/yr, win $800 Nov 1 61
Duke Power Co: Reface large flanges in-place for major cost, time savings Oct 15 129
Gulf States Utilities: Rebuilt garage turns out a new truck each month July 1 84
Montana Power: Laugh all the way to the bank as sawdust seals pipe leaks Nov 1 62
Ohio Electric Co: Jacking platform saves 480 man/hr/yr on pulverizer Nov 15 117
Ohio Valley Electric Corp: Clean live-transformer fins with water spray Dec 15 73
Pennsylvania Electric: On-the-ball operating and M&R team avert major crisis Aug 1 65
Production line for periodic overhaul of unit train car Aug 1 66

MANAGEMENT

BPA relations with supplier studied Aug 15 26
Book remarks (book reviews) July 1 41
Florida P&L: 'Doing unto Ralph...' Nov 15 45
Hill & Knowlton: Regulators tell utilities to speak out: I Sept 15 33
Pt II Oct 1 27
How to contest an OSHA citation: Part I July 15 39
Part II Aug 1 37
How to pick your plant site: Part I Aug 1 29
Part II Aug 15 33
Part III Sept 1 25
How to spot benefit bums and on-the-job retirees (Of cabbages and kings) Dec 1 33
How to start a speaker's bureau Nov 1 33
How to tell 'em that you're there Dec 1 29
How to use Transactional Analysis
Part I Oct 1 33
Part II Oct 15 55
How useful are government handbooks Oct 15 47
McGraw-Hill: Capital spending; only 2% real growth Dec 15 35
McGraw-Hill: Utilities' cleanup cost is $19-billion July 1 33
Pacific P&L: How to use video inside the company Sept 15 40
PS Co of Colorado: Lest it be lost, time, like money needs watching Sept 15 154
'78 work-force output low; who is at fault Nov 1 29
True grit: How to handle those days when you are **not** physically or mentally up to par Nov 15 61
What can electric utility people do to project the best image when appearing on TV: Part I Aug 15 37
Part II Sept 1 31
Where the regulators are failing July 15 33

METERS

Meter checks cut unaccountable losses Oct 15 90
Homemade adapter for both A-base/socket meter testing Nov 1 63
Pennsylvania Power: Home built timer upgrades testing of Wh-meter standards Dec 15 74
Publicly and investor owned utilities will join in an energy conservation experiment for remote meter reading of electricity, gas, and water in Denver Sept 1 16
Utah P&L: Upgraded meter base handles all-electric service drops Oct 1 63
Wisconsin PSC looks at service extension rules and master metering at state's seven largest electric utilities July 15 16

MOBILE EQUIPMENT

Duke Power: Sixty scissor-lifts snip construction job prep time Sept 1 60
Gulf States Utilities R.built garage turns out a new truck each month July 1 84
Metropolitan Edison: Circle of safety walk would save a child July 1 85
Pennsylvania P&L: Use of diesel engines for fleet cars being expanded Dec 15 75

N

NUCLEAR

Aerojet Energy Conversion Co: System for reducing volume of low-level nuclear plant radwastes by as much as a 10:1 ratio is developed Oct 1 15
Advanced refueling technique, essential to operation of future Tokamak fusion reactors, has been successfully demonstrated at Oak Ridge July 1 15
Air freight radiation Nov 15 36
Arkansas P&L and Babcock & Wilcox: Increasing nuclear fuel assembly life July 1 54
Atomic Industrial Forum: Midyear outlook is upbeat Sept 15 28
Atomic Industrial Forum: Nuclear generation continues to gain support worldwide Oct 1 15
Atomic Industrial Forum: Silver anniversary Dec 15 32
Atomic Safety & Licensing Bd: NRC seeks lawyer for ASLB Sept 15 28
Australia: Radwaste disposal Down Under Sept 15 28
Babcock & Wilcox announces its Canadian subsidiary has received contract from Ontario Hydro to supply 16 nuclear steam generators Aug 1 24
Babcock & Wilcox gets preliminary design approval from NRC for its standard nuclear steam station July 15 13
Baltimore G&E: Actively exploring for uranium in Wyoming and Texas Aug 1 15
Belgium heads the percentage of nuclear generation list with 21% of its total electric power from this source Sept 1 13
Boston Edison: EPA rules that a once-through or open-cycle cooling system is adequate for Pilgrim I nuclear station Sept 1 13
California government task force recommends that 28 steps be taken at the federal, state, and local elvels, to regulate transportation of radioactive materials Nov 15 11
California nuclear plants need not be underground, according to a resolution adopted by the California Resources Conservation & Development Commission Oct 15 11
California: Regulating radioactive transport Dec 1 21
Canadian and Ontario governments agree to test burial of nuclear waste in hard rock July 15 13
Carter on radwaste Dec 15 32
Central Electricity Generating Bd: Only proven way to offset shortage of fossil fuels is nuclear, says CEGB Aug 15 17
Central Electricity Generating Bd: Serious delays in Britain's nuclear construction program add $640-million a year to the nation's electricity bill July 1 15
Commonwealth Edison: Grand jury will probe allegations of lax security at Quad Cities nuclear plant Sept 15 28
Commonwealth Edison: LaSalle County nuclear station advances Dec 15 32
Commonwealth Edison nuclear units generated almost 2.9-billion kWh in June Aug 15 17
Consumers Power: Notified NRC and Dept of Public Health that radiation was detected in part of demineralized water supply system at Big Rock nuclear plant Oct 15 32
Costs of delay Dec 1 21
Cracks in primary cooling system pipes in West German and Japanese nuclear plants cause concern within NRC Dec 1 21
DOE's annual report on commercial uranium marketing activities in 1977 shows little rise in uranium prices Sept 1 13
DOE expects at least two more years of study in a program to dispose of high-level radioactive wastes from civilian nuclear generating stations July 15 13
DOE has a new gas centrifuge testing facility in operation at Oak Ridge July 1 15
DOE has turned to public for help in identifying all possible sites in the US where radioactive material may have been stored Aug 15 28
DOE: Radioactive contamination is the worst at site of two former nuclear ore processing plants in NJ and Pa Aug 1 15
DOE raises uranium enrichment charges 18.4% the day day after President Carter calls for price and wage restraint to fight inflation Nov 15 11
DOE: Technology exists to build radwaste disposal facilities in deep underground geologic formations Oct 15 11
Duke Power: Sixty scissor-lifts snip construction job prep time Sept 1 60
Duke Power: Throwaway coveralls up radiation protection July 1 83
Enactment of Nuclear Siting & Licensing Act would make matters worse according to Harold Green, professor of law at Georgetown University Aug 15 28
England now obtains more than 15% of its electricity from nuclear stations Oct 15 11
Factory Mutual Engineering & Research: Fighting fires in nuclear plants Nov 1 46
Federal task force says the nuclear waste disposal problem can be solved in 10 to 17 years Nov 15 11
Foreign involvement in Russian nuclear technology growing with France and Russia announcing that they have signed a mutual cooperation pact Nov 1 15
Foreign nuclear commitments soar Nov 15 36
Four New England utilities sue New Mexico and Arizona Land Co in US district court Aug 15 17
GE: Nuclear plants undamaged by major earthquake Oct 1 49
GPU: Nuclear capacity up with recent dedication of Three Mile Island Dec 15 32
Germany: 360 antinuclear consumers are withholding much of their electric bills and depositing it in an antinuclear savings account Sept 15 28
Gibbs & Hill: Standardizing generating plants: III Sept 15 92
Gulf States Utilities: Cancelled two planned nuclear generating units at Blue Hills site Nov 1 26
Hawaii voters passed a measure requiring approval by 2/3 of each House before a nuclear-plant can be built Dec 1 13
Houston L&P: NRC issues final environmental supplementary statement on Allen Creek nuclear station Oct 15 32
Ice-pack vests take heat off reactor repair divers Sept 1 61
Iowa: Workman exposed to radiation while studying how to repair a cracked pipe at Duane Arnold Energy Center Aug 1 15
Japan's nine regional electric utility companies and a wholesaler will pay a total of $1-billion to DOE for enriching 13,000 tons of solid waste uranium between now and 1985 Oct 15 32
Japan's Nuclear Fuel Study Committee has developed a joint government/private enterprise nuclear fuel investment plant Sept 15 17
Japan puts largest BWR plan on line in 7 years July 15 19
Japanese regional utility companies may already be sealing radwaste in asphalt instead of concrete Oct 1 15
Jersey Central P&L: Construction of Cooling tower at Oyster Creek nuclear plant would be an economic burden Oct 15 11
Jersey Central P&L: 14 NRC inspectors have differing views regarding safety of Oyster Creek nuclear station Dec 15 11
Landfill radiation Dec 15 32
Libya's left-leaning militant regime engaged in frantic search for weapons grade nuclear materials; reports persist that Pakistan may have offered Libyan funds to buy nuclear processing plant ordered from France in 1976 Oct 1 24
Maine Yankee completes a record run of 352 consecutive days before shutdown for scheduled refueling Aug 15 15
Maine Yankee nuclear station has set an availability record by completely 345 days of continuous round the clock power production July 1 15
Maine Yankee nuclear station shut down following failure of one of its two main electrical transformers Oct 1 24
Montana voters approved an initiative giving voters the right to approve construction of any nuclear plant in the state Dec 1 13
New England Power Co: Nuclear plant proposal approved by NRC Sept 1 22

New method for decontaminating and compacting metallic nuclear wastes will be evaluated at DOE's Pacific Northwest Laboratory Aug 15 70
New US/South Korean company, a joint venture of Hyundai Business Group and Westinghouse, will design, manufacture, and sell thermal and nuclear generation equipment Nov 1 15
New York As much as 4,850 MW of nuclear power may be delayed further in NY State, due to moratorium on new nuclear plant construction declared by Governor Carey Oct 15 11
NY State E&G: Contract for two C-E System 80 NSSSs signed by president of NYSE&G Oct 1 24
NY State E&G: Permission to build a two-unit nuclear plant two miles from Lake Ontario and 30 miles north of Syracuse requested Dec 15 11
Northern States Power Monticello nuclear plant recently achieved generating its 25th billion kWh Nov 1 26
Nuclear fuel commitments Nov 15 36
Nuclear fusion's timetable has slipped about 10 years July 1 15
Nuclear issues heat up race for governor (California) Aug 15 26
Nuclear plant operators get $2.2-billion in insurance refunds because of the good safety record they maintained last year Aug 15 17
NRC: A step forward for floating nuclear plants Sept 1 22
NRC and Belgian government have concluded an arrangement for exchange of technical information and cooperation in reactor safety research July 15 22
NRC concurs in plans submitted by Delaware and Florida for responding to emergencies involving the release of radioactivity from nuclear facilities Sept 15 28
NRC: Controlling combistible gases Dec 1 21
NRC is examining testimony to determine if Portland GE's Trojan plant should be allowed to restart operations Aug 15 17
NRC: Embattled by some of most perplexing engineering and political problems; NRC is assailed by both proponents and enemies of nuclear power Aug 1 15
NRC issues an order than affects Trojan nuclear plant July 1 24
NRC issues Final Site Environmental Statement on site suitability considerations concerned with San Diego G&E Sundesert plant Dec 1 21
NRC proposes to amend its regulations on emergency planning required by applicants in nuclear plant licensing Oct 1 24
NRC reconsiders Union of Concerned Scientists petition Aug 1 24
NRC's Risk Assessment Review Group finds that "too many things in the Reactory Safety Study were done badly" Oct 1 15
NRC scolds Portland GE for alleged noncompliance with federal regs stemming from radiation overexposure at Trojan plant Sept 1 22
NRC's staff prepares a report; proceedings from the NRC-IAEA Spent Fuel Storage meeting July 15 22
Nuclear unit for Finland Nov 1 26
Nuclear safety plan: Costly and confusing Dec 1 20
Nuclear waste fears have been exaggerated, says Darlene C. Hoffman of Los Alamos Lab Sept 15 17
Only 1-5% of safety related activities at nuclear plants are inspected by NRC Dec 15 11
Ontario Hydro: Examination of heavy water tubes that circulate liquid through nuclear reactors at Pickering and Bruce nuclear plants indicates greater stretch in length than anticipated due to constant neutron bombardment of nuclear fission process Oct 1 15
Portland GE: Fuel storage pool expansion Dec 15 32
Pacific G&E: Over 200 antinuclear demonstrators arraigned following demonstration at Diablo Canyon nuclear plant Sept 15 17
Parts management cuts nuclear downtime Aug 15 68
Power Authority of the State of NY: EPRI develops method for detecting condenser leaks Sept 1 22
Portland GE: Caravan of antinuclear protestors descend on Trojan nuclear plant site to ensure it remains shut down Sept 15 17
Portland GE: Installation of spent-fuel racks at Trojan will be a delicate operation Nov 1 15
Portland GE: Light aircraft crashed through power lines ½ mile from Trojan nuclear plant Nov 1 26
Portland GE: Trojan N-plant probably won't be able to resume operation until January at the earliest Dec 1 13
Princeton University: Researchers report a crucial breakthrough in development of fusion energy (Tokamak Fusion Test Reactor) Sept 1 13
PS of Colorado: NRC officials will decide soon whether Ft St Vrain nuclear station can begin testing beyond 70% of its rated 330-MW capacity Dec 15 11
PS of New Hampshire: New Hampshire House of Reps fails to override governor's veto of bill probability PS of NH from including in its rate base CWIP for construction of Seabrook nuclear plant July 1 17
PS of New Hampshire: Concerned about fate of Seabrook nuclear plant with defeat of Governor Thompson who supported the plant Dec 1 13
PS of New Hampshire: NRC suspends Seabrook work Aug 1 24
PS of New Hampshire: Regrouping after NRC's decision to halt construction of controversial Seabrook N-plant Aug 1 15
PS of New Hamphire: Seabrook cost escalation Dec 1 21
PS of New Hampshire: 2,000 persons led by Clamshell Alliance participated in a quiet three-day demonstration in NH July 15 13
PS of Oklahoma: Limited work authorization issued to permit certain construction work to be done on proposed Black Fox nuclear station Sept 1 22
Regulatory bodies ready for nuclear-plant retirements July 15 19
Remote radwaste welder used to seal steel canisters containing solidified radwastes Nov 15 36
Requalifying nuclear operators Nov 1 44
Rochester G&E: French company chosen by Rochester G&E to inspect steam generators in its Ginna I PWR nuclear plant July 15 22
Russia: New enrichment process for uranium is claimed by Russians Nov 1 15
Sacramento Municipal Utility District: Nuclear fuel savings plan Dec 15 32
Sacramento Municipal Utility District and Westinghouse have reached settlement in lawsuit filed by Westinghouse resulting from failure of Rancho Seco nuclear plant's steam turbine
San Diego G&E: California's state senate revives Sundesert nuclear project Sept 15 17
San Diego G&E: Proposed Sundesert nuclear plant is derailed again Oct 1 15
San Diego G&E: Sundesert is alive but in a respirator Nov 1 24
Sandia Laboratories: Named by DOE to develop transportation system for safety moving defense nuclear wastes from present locations to a government disposal facility Aug 1 24
Sandia Laboratories: NRC certifies to Congress that a safe container for air transportation of plutonium has been developed and tested Sept 15 28
Senator Jackson calls for halting nuclear filibusters that carelessly oppose construction of nuclear plants July 1 15
South Africa refuses to sign an international nuclear treaty because if fears that international inspections would expose secrets of the country's enrichment process Aug 15 17
Sweden: Joint study to improve BWRs Sept 1 22
Sweden's government dissolves over the nuclear issue Nov 1 15
Sweden's Inspectorate states: It is the conventional components that cause most of the safety related accidents Aug 1 24
Swiss project to establish a depository for radioactive waste scares Italy Aug 15 28
System cuts radwaste disposal cost Dec 1 44
Taiwan issues postal stamp featuring its first GE BWR Nov 1 23
TVA awarded two long-term contracts to International Minerals & Chemicals Corp Nov 15 36
TVA Chairman Freeman proposes to President Carter that the agency build this country's first away from reactor radwaste storage facility Aug 1 15
TVA: Cooling water from nuclear plant will supply all power needed by prototype industrial park Oct 15 71
TVA seeks nuclear data Aug 15 28
Three Mile Island dedication Nov 1 26
Trojan's control room can handle a tremblor after all Nov 1 15
Two utilities are set to battle the California moratorium on nuclear plants Nov 1 15
United Nuclear Corp: NRC cites UNC for alleged failure to comply with requirements for physical protection of its fuel fabrication facility July 1 24
US Supreme Court upholds liability limits for nuclear plant catastrophic accidends under the Price-Anderson Act July 15 13
University of Southern California: Chemical and plastics plant can extract heavy water ad a byproduct that can be sold to nuclear plants using Canada's Candu reactors Oct 1 24
Vermont's State Nuclear Advisory Panel asks owners of Vermont Yankee for a written commitment certifying that they and not the state will underwrite cost of decomissioning the plant at the end of its 40-year life span July 1 15
Voters favor nuclear power Dec 15 32
Washington: NRC and State of Washington have consummated an agreement to cooperate in the regulation of Washington's nuclear activities Oct 15 32
Washington Public Power Supply System: Cement shortage is adversely affecting construction of two nuclear plants Dec 1 13
Washington Public Power Supply System: Grays Harbor County, Wash, bills WPPSS for policing a two-day demonstration at Satsop nuclear plant Sept 15 17
West Germany: Should be able to dispose of its radwaste by mid 1990s Sept 1 13
Westinghouse: Must honor its uranium fuel contracts with seven utilities Nov 15 11
Westinghouse: Realistic and reliable data on one phase of emergency core cooling is the goal of five year test program Sept 15 48
Westinghouse: Safety and security of US are seriously threated by irrational energy policies, according to John W. Simpson, former president of Westinghouse Aug 1 15
Westinghouse: Quake's motion modeled in relay test Oct 1 50
Westinghouse selected by DOE to negotiate a technical support contract to assist in developing the design of a proposed nuclear waste isolation pilot plant July 1 24
Westinghouse: Uranium suits: Westinghouse settles out of court with Texas utilities composing the South Texas project Nov 1 15

NUCLEAR--BREEDER

American Nuclear Society: Enters breeder debate Nov 1 26
The breeder is not the problem, it's an answer Dec 1 3
Clinch River Breeder Reactor bill funding Oct 15 32
Clinch River Breeder Reactor's future becomes more uncertain Nov 1 26
Clinch River Breeder hangs on Aug 15 28
Clinch River Breeder Reactor Project: House approves $172.5-million for CRBRP Oct 1 24
Helium Breeder Associates receives notice that Southwestern PS is withdrawing its offer of a site and $100-million construction money for a proposed demonstration gas-cooled fast breeder reactor Sept 1 13
PS of New Hampshire: Trouble plagues Seabrook nuclear plant is on again thanks to federal action Sept 1 13
Public works appropriations act signed by President provides $11.6-billion in funding for fast breeder program Nov 15 11
Senate's Energy Committee approves DOE authorization bill which includes a provision to terminate controversial Clinch River Breeder Reactor project July 15 22
USSR: Construction of USSR breeders continues Nov 1 15
Westinghouse Hanford Co: Evaluating nuclear fuel performance Dec 1 46

NUCLEAR--LICENSING

EEI urges revamped licensing July 1 24
GE's A. Philip Bray: Licensing bill needs improvement July 15 22
Georgia Power: NRC issues operating license for Unit 2 at Edwin I Hatch nuclear plant Sept 1 13
How to pick your plant site: Pt I Aug 1 29
NRC accepts for review an application from Mississippi P&L and Middle South Energy Inc for licenses to operate Units 1 and 2 of Grand Gulf nuclear plant Sept 1 13
Nuclear site occupation vetoed Nov 15 36
Underground siting: A nuclear plant option Sept 1 19
Washington Public Power Supply System: Wants more information before it will consider paying the costs of policing demonstrations at Satsop nuclear plant site Oct 1 15

O

OUTAGES

Commonwealth Edison: Custom built gantry crane cuts schedule outage time Oct 1 63
Mid-America Interpool Network (MAIN): Pool analyzes transmission line outages Dec 15 62

P

PEOPLE

David R. Toll, president of NAEC and senior vice president and general counsel elect of EEI, will leave the association Sept 1 16

FERC: Four key staff members are appointed to senior management in the Office of Electric Power Regulation July 1 18
REA: Robert W. Feragen is named to the No. 2 job at REA July 15 16
REA: Robert W. Feragen succeeds David Hamil as director Nov 15 15
Secretary of Energy James Schlesinger catching most of the flack on uncoordinated decision-making on energy matters and persistent rumors indicate that he may soon step down Sept 1 16
TVA: Senate reconfirms Richard S. Freeman as second member of TVA board Nov 15 14
TVA: Richard M. Freeman nominated by President Carter to fill a vacancy on TVA board Aug 1 18

POLES

Grounded brackets stop pole top fires Sept 15 110
PS of New Hampshire: Portable pole holes put rock blaster out of work Oct 1 64
PS Co of New Mexico: Single base switches enhance flexibility Nov 1 50
Southwestern PS: New slant on roadway lighting minimizes car-pole crashes Nov 15 117
Two-man poletop rescue training goes Hollywood Oct 1 65

POLITICS

Austrian electorate voted against starting up the 700-MW Tullnerfeld nuclear plant Dec 1 13
California: Governor Brown beats Evelle Younger Dec 1 13
Hawaii voters passed a measure requiring approval by 2/3 of each House before nuclear plant can be built Dec 1 13
Lewis County (Wash) residents voted 65% to 35% to keep nuclear plants out of county Dec 1 13
Missouri: Proposed constitutional right to work amendment defeated Dec 1 13
Montana voters approve an initiative giving voters right to approve construction of any nuclear plant in the state Dec 1 13
Nuclear issues heat up race for governor (California) Aug 15 26
Oregon voters decisively passed a measure that would prohibit CWIP allowances in the rate base Dec 1 13
Politics and marketing confuse solar's future Nov 1 23
PS of New Hampshire: Is concerned about fate of Seabrook nuclear plant with defeat of Governor Thompson who supported the plant Dec 1 13
Voters in Skagit County, Washington, defeated by 2-1 a proposal to create a PUD Dec 1 13
Wisconsin elected Republican Lee Dreyfus who is pronuclear, against T-O-D pricing, and prefers PSC members to be elected, not appointed Dec 1 13
Wyoming voters reelected Democrat Edward Herschler as governor Dec 1 13

POWER POLICY

New Northwest power plan being forged Aug 15 27
Northwest Power Bill: Proposed changes are coming fast and furious Oct 1 15

POWER SUPPLY

Florida Power Corp: PSC orders utility officials to appear before it and prove the claims they have made in their ads July 15 13
Governor Dixy Lee Ray: Power Plant construction delays will seriously threaten the economy of the state of Washington July 15 13
Maryland PSC: Initiates probe of Potomac Edison and Allegheny Power System after public statement by the utility that it would be unable to meet customers' demands in 1980s Sept 15 17
NERC warns that power supply is inadequate Nov 15 102
San Diego G&E: A freak Great Basin desert airflow into southern California brought record peak demands on utilities on Sept 25 Oct 15 11
San Diego G&E: Power plant development in the West is going down hill, due to legislative and regulatory restrictions July 15 13
TVA: Begins gradual cutbacks of 1,000 MW to uranium enrichment plants at Oak Ridge and Paducah July 15 13
TVA: Conservation, power imports, voltage reduction of 5% and interruptible customer cutoffs helped TVA during week of September 17, when utility had a string of power emergencies Oct 15 11
TVA envisions a tight power supply picture for the region this winter Nov 15 11
Washington Comment: The kilowatt dearth Oct 1 4

PRODUCTIVITY

Council on Wage & Price Stability: Severe collapses in productivity growth rates are concentrated in utilities and mining and construction industries Nov 15 11

PROTECTION

Florida's three largest utilities have asked University of Florida experts in lightning research to help find new ways to protect power lines Sept 1 15

PUBLIC OPINION

Public doubts about energy: Are they valid? Nov 15 35

R

RAILROADS

Electrified railroad gets vacuum breakers Sept 1 49
Production line for periodic overhaul of unit train car Aug 1 66

RATES

Alabama Power Co: Scrutinizes rate reform options Oct 15 114
Arizona PS: Arizona Corp Comm eliminates the state's fuel adjustment clause--and receives the wrath of APS Sept 15 19
BPA plan may double wholesale rates Oct 1 23
BPA proposes a new wholesale rate schedule that will boost revenues by 96% Oct 1 17
Boston Edison: About 100,000 customers are invited to take advantage of time-of-use rates Sept 15 19
California & Maryland: Regulators try to stabilize monthly bills Oct 15 30
California PUC has put lifeline rates into effect for air conditioning in the CP National area Aug 1 18
Canadian Electrical Assn: Canadians take a whack at rate debate July 1 78
Chambers of commerce in five northeastern North Carolina towns organize to seek a rollback of a recent Vepco rate increase Nov 15 14
Columbus & Southern Ohio Electric: Seeks a 25% overall rate increase next March, part of a $125-million rate hike over two years Dec 15 13
Consolidated Edison will begin an interruptible load program next summer Sept 15 19
Dayton P&L: Plans mandatory time-of-use rates for all customers Aug 15 18
DOE studies possible course of action on proposed surcharge for customers of Washington Gas Light Co who cut gas consumption significantly by substituting electric heat pumps and other energy sources for heating needs Nov 15 14
EEI reports some 150 rate increases granted investor owned utilities during first three quarters of '79 totaled almost $1.8-billion Dec 1 15
Gordian Associates: Linear programming: A new rate tool Dec 1 56
Los Angeles Dept of Water & Power: Approved restructuring of electric rates and an electric revenue increase Oct 15 13
NERA: Tracking demand, rate changes Nov 15 9
New Jersey: Administration of a lifeline proposal passed by NJ legislature is termed unmanageable in a draft report prepared by a PUC hearing examiner Dec 1 15
New Jersey's proposed lifeline rate program will cost $100-million annually Nov 1 17
New York PSC: Authorizes monthly 1½% late payment charge for nonresidential customers who receive service through tampered equipment Nov 1 17
North Carolina Utilities Comm eliminates monthly fuel charge on electric bills Sept 15 20
Ohio Power: Ohio electric utilities say abolition of the monthly fuel adjustment clause would likely cause the typical customer's bill to increase rather than to decrease Oct 15 13
Oklahoma G&E: Determine where losses occur Sept 15 122
Pennsylvania-New Jersey-Maryland Interconnection file data requested by FERC in its investigation of pool-to-pool power transactions made during the coal strike last winter Oct 1 18
Pennsylvania Power Co: Pennsylvania PUC votes to give Pennsylvania Power $23.3-million rate increase Oct 15 7
Portland GE: Request for a 20% residential surcharge to cover costs associated with Trojan nuclear plant has been denied Nov 1 17
Portland GE was granted a 33% emergency rate increase for residential customers Sept 1 15
Public Service E&G: NJ PUC approves experimental TOD rate for 20,000 residential customers Oct 1 17
Rate freezes in Midwest? Oct 15 7
Seattle City Light: Surplus-power sales stall rate hike Nov 1 9
TVA Chairman Freeman rejects a proposed 4½% rate increase Oct 1 17
TVA in a financial squeeze Sept 15 27
Two California utilities seek authority from state PUC to reduce rates Sept 1 15
Union Electric: Investigation of rates indicates that residential customers may not be paying their proportional share of what it costs to provide service Oct 1 17
Utah P&L: High court kills rate hike. Refunds? Oct 1 11
Washington Comment: Rate reform and the Feds Nov 15 4
Wisconsin P&L: Wisconsin shifting to TOD Dec 1 22

REACTORS

Ice-pack vests take heat off reactor repair divers Sept 1 61

REGULATION

Alabama Power: Is denied an exception to the FERC requirement that a utility must purchase shoreline property around a hydro project Aug 15 15
Allegheny Power: Federal agency overlapping in undoing of a hydro project Aug 15 4
Arizona PS and Tucson G&E: Regulators lean on fuel clause Oct 15 7
California: Bill to abolish California Energy Resources Conservation & Development Commission and replace it with a state DOE blocked by Resources, Land Use & Energy Committee of state assembly Sept 15 19
California and Maryland: Regulators try to stabilize monthly bills Oct 15 30
Delmarva P&L: Delaware PSC adopts a wide-ranging flexible plan to regulate Delmarva P&L's future plant construction Nov 1 17
Delmarva P&L: Delaware PSC orders a study to determine if Delmarva P&L holds any responsibility in an estimated cost overrun at Salem nuclear plant Aug 1 18
DOE starts new program to fund invervenors so that the public can participate in significant rulemaking and policymaking Nov 15 13
Editorial: How much does regulation really cost? Sept 1 3
EPA air pollution control standards may be more stringent than necessary, says White House Council on Wage & Price Stability Nov 15 13
FERC establishes regulations governing conduct of investigations by its staff--primarily the Office of Enforcement Aug 15 15
Feds anxiously seek state regulators' Ideas Dec 15 29
Florida P&L: Negotiations vs bidding pops up again July 1 22
Florida PSC expanded to five members Aug 1 18
Hill & Knowlton: Regulators tell utilities to speak out: Part I Sept 15 33
Part II Oct 1 27
Kaiser Aluminum & Chemical Corp: US Supreme Court says Consumer Products Safety Commission has authority to regulate aluminum wiring Nov 1 15
Maryland PSC proceeding to implement legislation to restrict electric utilities from automatically passing on to customers rate adjustments up to 5% Aug 1 17
Mississippi P&L: Mississippi PSC allows Mississippi P&L to place all accumulated fuel costs into base rate Aug 1 17
Missouri: All utilities in Missouri must complete a PSC-approved deposit questionnaire for new residential customers Aug 15 15
NARUC argues about ERA, new members Sept 15 26
NARUC: DOE going to back off as regulator and permit market forces to really be felt in decision-making Sept 15 19
New Jersey: A bill that would give NJ energy commissioner autocratic powers passes Senate, but is in trouble in the assembly Sept 1 16
NJ Dept of Energy adopts new energy conservation rules aimed at cutting state's energy demand by 5% by 1980 Sept 1 16
NRC and State of Washington have consummated an agreement to cooperate in the regulation of Washington's nuclear activities Oct 15 32

Over 100 critical energy projects pending before FERC will be exposed to public scrutiny for the first time Nov 1 17
Pennsylvania P&L: FERC files a civil suit--its first against Pennsylvania P&L Aug 15 15
PS Co of Colorado: DOE proposed to prohibit natural gas use by PS of Colorado Sept 1 16
PS of New Hampshire: Washington Comment: CWIP battle revived Nov 1 4
Regulatory bodies ready for nuclear-plant retirements July 15 19
Social and environmental agencies under fire by Carter Administration over issuing new rules and regulations launch counterattack against President's antinflation advisors Nov 15 13
Staying abreast of PCB regulations Nov 15 96
Texas Utilities: Texas PUC investigating each and every transaction over the past two years between TU and its subsidiaries Nov 15 13
Where the regulators are failing July 15 33
Wisconsin PSC looks at service extension rules and master metering at state's seven largest electric utilities July 15 16

RELAYS

Florida P&L: Time delay device cuts false alarms Sept 15 151
RFL Industries: Dual tones improve relay security July 1 64
Westinghouse: Quake's motion modeled in relay test Oct 1 50

RELIABILITY

GE: Lowering reliability offers little benefit July 1 70

RESEARCH

Argonne National Laboratory: Fuel for research and test reactors that contains only a small perdentage of fissionable uranium would sharply reduce risk of nuclear weapons proliferation July 15 43
BC Hydro: Plans a $15-million expansion of its R&D facilities Aug 15 41
Colorado State University: Extremes of winter weather can be forecast at least a few months in advance Aug 15 41
DOE: Problems investor-owned and public utilities have with solid waste energy programs are subject of report from DOE July 15 43
DOE swamped by inventor's innovations July 15 23
DOE: World's largest photovoltaic project for converting sunlight into electricity is driving a 10-hp pump irrigating a farm near Mead, Nebraska July 15 43
EPRI has developed a thermophotovoltaic converter which has potential use in solar generating stations Aug 15 41
Empire State Electric Energy Research Corp: Plans to spend over $380-million on R&D July 15 43
First full power fusion experiment using world's most powerful laser has been successfully completed Aug 15 41
Fusion research device dedicated by DOE and MIT July 15 43
GE: High power transistor developed July 15 43
Gould: Implementation of UHV transmission systems at 1,200 kV under study Oct 15 71
Insulation coordination is getting special attention by International Electrotechnical Commission Oct 15 71
McGraw Edison Co and Gould: Insulators can be made stronger and less costly in light of two EPRI developments Oct 15 71
Monongahela Power: US's first utility size fluidized bed boiler has completed an uninterrupted 50-hour test run at Rivesville plant Aug 15 41
Omaha: Data-gathering phase of a distribution automation, load management, and remote metering experiment involving 750 utility customers takes place in Omaha Oct 15 71
On-site integrated energy system powered by low-temperature fuel cell will be developed by Westinghouse in conjunction with Energy Research Corp for DOE Oct 15 71
Owners of post-World War II office buildings could cut as much as 22% of energy consumption through energy saving investments that would pay for themselves Sept 15 48
PS of New Mexico: initiates broad range of specific R&D projects for 1979 July 15 43
Refrigeration systems for liquid-nitrogen cooling of UG transmission cables will be studied by Air Products & Chemicals Inc under contract from GE Sept 15 48
Researchers gather lightning data Aug 1 52
Sandia Laboratories: Construction of a $10-million combustion research facility has begun at Sandia Sept 15 48
Sandia Laboratories: Development of a typical meteorological year for 25 US locations to assess performance of solar energy systems is completed Sept 15 48
Service life of underground cable will be determined by Battelle Labs under DOE study Sept 15 48
System that removes hydrogen sulfide gas from geothermal steam will be field tested next year by Pacific G&E and Union Oil Sept 15 48
Tampa Electric: University of Florida engineers are asked by Florida's big three utilities to investigate and help combat power outages due to summer thunderstorms July 15 15
TVA: Cooling water from nuclear plant will supply all power needed by prototype industrial park Oct 15 71
TVA studies rare fish in new habitat July 15 20
US and Saudi Arabia have taken the first step toward implementing a cooperative agreement for solar energy R&D Aug 15 41
Varian Associates develops a prototype solar cell under DOE contract from Sandia Laboratories Aug 15 41
Westinghouse: Realistic and reliable data on one phase of emergency core cooling is the goal of five-year test program Sept 15 48

S

SAFETY

AEP Service Corp: Extinguish electrical fires safely with water Nov 15 115
California government task force recommends that 28 steps be taken at the federal, state, and local levels to regulate transportation of radioactive materials Nov 15 11
DOE expects at least two more years of study in a program to dispose of high-level radioactive wastes from civilian nuclear generating stations July 15 13
DOE: Radioactive contamination is the worst at site of two former nuclear ore processing plants in New Jersey and Pennsylvania Aug 1 15
Duke Power: One solution of the PCB-disposal dilemma Nov 1 52
Duke Power: Seven workers are killed when a cofferdam collapsed at construction site of Oconee nuclear plant Nov 1 15
Duke Power: Throwaway coveralls up radiation protection July 1 83
Factory Mutual Engineering & Research: Fighting fires in nuclear plants Nov 1 46
GE: Nuclear plants undamaged by major earthquake Oct 1 49
Grounded brackets stop pole-top fires Sept 15 110
Gulf States Utilities: Hands-on line switching drills in risk-free safety room Aug 15 91
Gulf States Utilities: Quick rig flasher upgrades UG work site warning system July 15 68
How to contest an OSHA citation Part I July 15 39
Part II Aug 1 37
Iowa: Workman exposed to radiation while studying how to repair a cracked pipe at Duane Arnold Energy Center Aug 1 15
Jersey Central P&L: 14 NRC inspectors have differing views regarding safety of Oyster Creek nuclear station Dec 15 11
Kaiser Aluminum & Chemical Corp: US Supreme Court says Consumer Products Safety Commission has authority to regulate aluminum wiring Nov 1 15
Kansas City P&L: Aggressive public program hits electrocution hazards Aug 15 89
Metropolitan Edison Circle of safety walk could save a child July 1 85
Northeast Utilities: Boiler overhaul crews walk the plank safely Dec 1 62
NRC concurs in plans submitted by Delaware and Florida for responding to emergencies involving the release of radioactivity from nuclear facilities Sept 15 28
Nuclear safety plan: Costly and confusing Dec 1 20
Pennsylvania Electric: Ducts vent boiler explosion steam to protect plant crew July 15 67
Public Service E&G: Mannequin, skid board, plus practice refine tower rescue July 15 69
PS of New Hampshire: Cardiac first aid training goes beyond poletop victim Dec 1 61
Sandia Laboratories named by DOE to develop transportation system for safely moving defense nuclear wastes from present locations to a government disposal facility Aug 1 24
Sweden's Inspectorate states that it is the conventional components that cause most of the safety related accidents Aug 1 24
Two man poletop rescue training goes Hollywood Oct 1 65
US Supreme Court upholds liability limits for nuclear plant catastrophic accidents under the Price-Anderson Act July 15 13
Westinghouse: Quake's motion modeled in relay test Oct 1 50
Westinghouse: Safety and security of US are seriously threatened by irrational energy policies, according to John W. Simpson, former president of Westinghouse Aug 1 15

SCRUBBERS

A chemical additive commonly used in pies and soft drinks boosts scubber efficiency Sept 15 4

SECURITY

Commonwealth Edison: Grand jury will probe allegations of lax security at Quad Cities nuclear plant Sept 15 28
RFL Industries: Dual tones improve relay security July 1 64

SITING

California Coastal Commission stamps final approval on a siting plan that prohibits utilities from siting plants on 270 miles of California coastline Oct 1 15

STANDARDS

FTC proposes rules to open voluntary standards-making process to a wide range of users and others Dec 1 16
NEMA takes FTC to task on proposed rules affecting energy labeling of unvented electric home heating equipment Dec 1 16
Standardizing generating plants Aug 1 44
Standardizing generating plants Sept 15 92

STATISTICS

DOE: Cost hikes stir industry to save energy Aug 1 22
Electrical World's 29th Annual electrical industry forecast Sept 15 61
Slow growth expected in '79; long-term growth rate only 3% Sept 15 63
Dropoff in industrial use pulls sales down for 1979 Sept 15 67
Despite heat and economic recovery, peak barely rises Sept 15 72
Fossil boiler sales make mile recovery (Fossil boiler survey) Dec 15 52
Steam station design survey: Coal is still the hot fuel Nov 15 73
Summer peak growth slumps, to 2.3% Nov 1 54
T&D Construction survey Aug 15 53

SUBSTATIONS

Arizona PS; Begins construction of new 345-kV switchyard at its Pinnacle Peak substation July 15 16
Manitoba Hydro: Water-cooled thristors are now in service Nov 15 99

SWITCHES

Use single-pole operators for 550-kV switches Oct 15 92
PS of New Mexico: Single-base switches enhance flexibility Nov 1 50

SWITCHING

Gulf States Utilities: Hands-on line switching drills in risk-free safety room Aug 15 91

SYSTEM ENGINEERING

Central P&L: Transient network analyzer models capacitor-switching surges Oct 15 106
Con Edison: Test of 4.8-MW fuel cell draws closer July 15 60
Ebasco Services: Pick the economic construction choice Sept 1 48
Electrified railroad gets vacuum breakers Sept 1 49

GE: Lowering reliability offers little benefit July 1 70
Minnesota P&L: Run system studies on a mini-computer Oct 1 56
NERC analyzes impact of coal strike Aug 1 58
NERC warns that power supply is inadequate Nov 15 102
New system to improve transient event recording July 15 54
New York Power Pool: Pool implements new tie models Dec 1 54
Noncoincident peak demand this January rose by 8,083 MW July 15 16
Oklahoma G&E: Determine where losses occur Sept 15 122
Quake's motion modeled in relay test Oct 1 50

Portland GE: Results of load-forecast models differ Dec 15 68
Summer peak growth slumps, to 2.3% Nov 1 54
Swedish State Power Bd: Data system upgrades network controls Aug 15 76
Static var system controls line voltage July 15 52

T

TAXES

California: Fees fill in for realty tax in California July 15 22
Duke Power: Seeks fair property taxes Sept 1 22
IRS drops threat to deny investment tax credits to investor-owned utilities involved in joint ventures with co-ops and munis July 1 17
Navajo Indians win US District Court approval of right to levy taxes on mining, oil, and gas, electric power and other companies operating on their reservations in Arizona, New Mexico, and Utah Sept 1 41
Navajos win land-tax suit, seek SO_2 tax Oct 15 32

TESTING

Louisiana P&L: Homemade adapter for both A-base/socket meter testing Nov 1 63
Pennsylvania Power: Home built timer upgrades testing of Wh-meter standards Dec 15 74

TRANSFORMERS

Allied Chemical: Improved material for transformer core laminations will undergo evaluation by two man facturers next year Oct 15 14
Baltimore G&E: Plastic structural shapes save installation time Sept 1 45
Boston Edison: Meter checks out unaccountable losses Oct 15 90
Con Edison: Network transformers monitored remotely Nov 15 98
Dayton P&L: Modify gasoline tanker for transformer oil-servicing Aug 1 65
GE: Load transformers economically July 1 62
Ohio Valley Electric Corp: Clean live-transformer fins with water spray Dec 15 73
Utah P&L: Estimate transformer failure cost Dec 1 48
Utah P&L: Upgraded meter base handles all electric service drops Oct 1 63
Westinghouse: Faults influence transformer life July 15 50
What's new in power plants July 15 46

TRANSMISSION

AEP: First US static shunt compensator using thyristor switched capacitors to be installed by AEP at Beaver Creek switching station Sept 1 15
Boston Edison: Computer terminals aid T&D field operations Nov 15 100
RFL Industries: Dual tones improve relay security July 1 64
Utilities blame government for building lag Oct 15 31

TRANSMISSION--OVERHEAD

Austria will build HVDC link and other transmission facilities to allow power interchange between electrical networks of eastern and western Europe Dec 1 16
BPA examines 1,200-kV line performance Sept 15 112
BPA has also worked out right-of-way agreement with the Confederated Tribes of the Warm Springs R servation July 15 15
BPA plans to build a 600-ft-high transmission tower near Boardman, Oregon, and to string transmission line to Washington state are being opposed Sept 1 15
BPA: US District Court in Portland turns down a Washington state request to halt construction of BPA transmission line across Benton County, Washington July 15 15
Fault location via FM radar to improve Sept 1 42
Florida's three largest utilities have asked University of Florida experts in lightning research to help find new ways to protect power lines Sept 1 15
GE: Project UHV gets power supply for HVDC tests Oct 1 53
Gould: Implementation of UHV transmission systems at 1,200 kV under study by Gould Oct 15 71
Grounded brackets stop pole-top fires Sept 15 110
Hydro Quebec: New tower chosen for 1,000 km of 735-kV line Dec 1 50
Jersey Central P&L: Wood H-frame at 230-kV overcomes objections Aug 1 54
Line galloping detuner tested for Minnesota winter service Sept 15 152
Mid-America Interpool Network (MAIN): Pool analyzes transmission line outages Dec 15 62
Minnesota jury acquits 19 protestors of trespassing charges following a demonstration in which they blocked a road leading to an HVDC station Dec 15 11
New EHV intertie and associated lower voltage lines will link Missouri and Arkansas, and permit an exchange of up to 1,200 MW between Union Electric and Middle South Utilities Oct 15 14
Paraguay: A $32.5-million loan to help Paraguay complete the first stage of a national rural electrification approved Aug 1 17
PASNY: NY PSC plans legal action to prevent commercial use of the 765-kV Fort Covington-Massena line Dec 15 11
PS Co of New Mexico: Single base switches enhance flexibility Nov 1 50
PS Electric & Gas: Mannequin, skid board, plus practice refine tower rescue July 15 69
PS Electric & Gas: NJ Supreme Court refuses to hear an appeal aimed at blocking construction of an overhead transmission line in four Union County municipalities Nov 1 17
Sweden: Construction of western Europe's first 800-kV line will start next year if Swedish State Power Bd gets funding Oct 1 17
Towers for a controversial ±499-kV DC transmission line between North Dakota and Minnesota finally completed Nov 1 18
T&D Construction survey Aug 15 53
Use single pole operators for 550-kV switches Oct 15 92
Utah P&L: Visual simulator tells it like it will be Aug 15 87

TRANSMISSION--UNDERGROUND

Long Island Lighting: New underwater 345-kV cable ties Con Edison more strongly to Lilco Oct 1 17
Refrigeration systems for liquid nitrogen cooling of underground transmission cables will be studied by Air Products & Chemicals Inc under contract from GE Sept 15 48
T&D Construction survey Aug 15 53

V

VEHICLES

Electric Power Bd of Chattanooga: Portable with uhf echo for truck-free crew use Nov 1 60

W

WASHINGTON COMMENT

CWIP battle revived Nov 1 4
Coming: War over wastes Oct 15 4
Federal agency overlapping results in undoing of a hydro project (Allegheny Power System) Aug 15 4
ICC Comes under fire Dec 1 4
The kilowatt dearth Oct 1 4
The local coal mess July 1 4
Rate reform and the Feds Nov 15 4
Scrubbers: A chemical additive commonly used in pies and soft drinks boosts scrubber efficiency Sept 15 4
Small number of Republican gains in Congress from last month's election conceals the fact that there was a major increase in probusiness sentiment Dec 15 4
Solar policy, hydro, and interstate pollution: Three situations to watch Sept 1 4
Tug of war between environmentalists and inflation fighters: The final outcome still uncertain Aug 1 4
Foresight is rare in Washington, but every now and then a thinker sees a problem looming and does something about it July 15 4

COMPANY INDEX

A

ACKER DRILL CO: Quick make timer/I-beam shoring wall for 40-ft dig Sept 1 49
AEP: First US static shunt compensator using thyris tor switched capacitors will be installed by AEP at Beaver creek switching station Sept 1 15
AEP: SEC's approval in principle of AEP's long standing proposal to acquire Columbus & Southern Ohio met with gratification Sept 15 19
AEP: Second developmental phase of the pressurized fluidized bed combustion process has been announced by AEP and Stal-laval Trubin AB Oct 15 11
AEP: AEP wins top award of Reddy Communications 39th Annual Report competition Oct 1 18
AEP SERVICE CORP: AEP heat pumps get high grades up north Sept 15 142
AEP SERVICE CORP: Extinguish electrical fires safely with water Nov 15 115
AEROJET ENERGY CONVERSION CO: System for reducing volume of low level nuclear plant radwastes by as much as a 10:1 ratio is developed Oct 1 15
AIR PRODUCTS & CHEMICS INC: Refrigeration systems for liquid nitrogen cooling of UG transmission cables will be studied by Air Products & Chemicals Inc under contract from GE Sept 15 48
ALABAMA POWER: Is denied an exception to the FERC requirement that a utility must purchase shorline property around a hydro project Aug 15 15
ALABAMA POWER CO: Alabama Power scrutinizes rate reform options Oct 15 114
ALLEGHENY POWER SYSTEM: Federal agency overlapping results in undoing of a hydro project Aug 15 4
ALLEGHENY POWER SYSTEM: Maryland PSC initiates probe of Potomac Ed and Alleghen Power System after public statement by the utility that it would be unable to meet customer's demands in 1980's Sept 15 17
ALLEGHENY POWER SYSTEM: A violent explosion ripped through the Ft Martin power station Dec 15 14
ALLIS CHALMERS: Giant hydro-turbine goes on line at Grand coulee Sept 1 19
ALLIED CHEMICAL: Improved material for transformer core laminations will undergo evaluation by two manufacturers next year Oct 15 14
ALLIED POWER CO-OP: Plans to build a coal fired plant Sept 1 13
APOLLO CHEMICAL CORP: Chemical additive antidote cures water wall slagging Dec 1 63
ARIZONA PUBLIC SERVICE: Idealine suggestion project: A three way winner July 1 87
ARIZONA PUBLIC SERVICE: Arizona PS begins constructio of new 345-kV switchyard at its Pinnacle Peak substation July 15 16
ARIZONA PUBLIC SERVICE: United Engineers & Constructors will design and install a $220 million system to remove SO_2 and particulate at Units 4 and 5 of Four Corners Sept 1 15
ARIZONA PUBLIC SERVICE: Surplus wooden cable reels resolve catalog-storage muddle Sept 1 61
ARIZONA PUBLIC SERVICE: Arizona Corp Comm eliminates the state's fuel adjustment clause - and receives the wrath of APS Sept 15 19
ARIZONA PUBLIC SERVICE: Regulators lean on fuel clause Oct 15 7
ARIZONA PUBLIC SERVICE: First, flight training -- then welding for topside trainees Nov 1 61
ARIZONA PUBLIC SERVICE: Cut load on coal feeders & add $5000 to wallet Dec 1 63
ARKANSAS ELECTRIC CO-OP CORP: Study funded by Ark P&L and Ark Elec Co-op Corp indicates that Arkansas lignite may offer a viable alternative to western coal Aug 1 15
ARKANSAS P&L: Increasing nuclear fuel assembly life July 1 54
ARKANSAS P&L: Study funded by Ark P&L and Ark Elec Co-op Corp indicates that Arkansas lignite may offer a vialbe alternative to western coal Aug 1 15

ARKANSAS P&L: Before-the-fact modeling solves tower problems Oct 15 127
ASEA: First US static shunt compensator using thyristor switched capacitors will be installed by AEP at Beaver creek switching station Sept 1 15
ASEA-ATOM: Joint study to improve BWRs Sept 1 22
ASEA-ATOM: Nuclear unit for Finland Nov 1 26
ASSOCIATED ELECTRIC CO-OP: Scrubbing gas from high sulfur coal Oct 15 76

B

BABCOCK & WILCOX: Increasing nuclear fuel assembly life July 1 54
BABCOCK & WILCOX: Requalifying nuclear operators Nov 1 44
BABCOCK & WILCOX: Standardizing generating plants: II Aug 1 44
BABCOCK & WILCOX: Three Mile Island dedication Nov 1 26
BACHE HALSEY STUART SHIELDS: Recession on the way Nov 1 9
BALTIMORE G&E: Actively exploring for uranium in Wyoming and Texas Aug 1 15
BALTIMORE G&E: Maryland PSC improperly ordered Baltimore G&E to refund $31.8-million to customers in alleged overcharges Dec 15 13
BALTIMORE G&E: Pays more than twice the national average for coal and that costs customers an extra $9-million per year Aug 1 15
BALTIMORE G&E: Plastic structural shapes save installation time Sept 1 45
THEODORE BARRY & ASSOCIATES: BPA relations with supplier studied Aug 15 26
THEODORE BARRY & ASSOCIATES: Delmarva P&L: Delaware PSC orders a study to determine if Delmarva P&L holds any responsibility in an estimated cost overrun at Salem nuclear plant Aug 1 18
THEODORE BARRY & ASSOCIATES: '78 Work-force output low; Who is at fault Nov 1 29
BASIN ELECTRIC POWER COOPERATIVE: Static var system controls line voltage July 15 52
BC HYDRO: First of four 220 ton turbine runners for Peace Canyon hydroelectric project arrives aboard a freighter from Russia Sept 1 13
BC HYDRO: Longest civil suit in Canada ends when BC Hydro settles out of court with five construction companies Sept 15 20
BEARTOOTH COAL CO: Portland GE spends $1-million to buy 50% of coal mines Oct 15 80
BECHTEL: Trojan's control room can handle a tremblor after all Nov 1 15
BENJAMIN COAL CO: Five year bituminous coal contract between Pa P&L and Benjamin and Empire Coal Cos attempts to stabilize coal costs and assure a dependable supply Aug 15 17
BLYTHE EASTMAN DILLON & CO: Investment hopes are for the long run July 1 11
BOKUM RESOURCES CORP: Lilco has entered an agreement with Bokum Resources Corp to complete a uranium mine and mill Sept 15 96
BONNEVILLE POWER ADMIN: US Distric Court in Portland turns down a Washington state request to halt construction of BPA transmission line across Benton County, Wash July 15 15
BONNEVILLE POWER ADMIN: New system to improve transient event recording July 15 54
BOSTON EDISON: About 100,000 customers are invited to take advantage of time of use rates Sept 15 19
BOSTON EDISON: Computer terminals aid T&D field operations Nov 15 100
BOSTON EDISON: EPA rules that a once through or open cycle cooling system is adequate for Pilgrim I nuclear station Sept 1 13
BOSTON EDISON: Meter checks cut unaccountable losses Oct 15 90
BPA: Examines 1,200-kV line performance Sept 15 112
BPA: Expects to be taken to court no matter what our conclusions are regarding allocation of power supply in Northwest, says administrator Sterling Munro July 1 1
BPA: GAO urges surcharge on BPA power Oct 1 11
BPA: Has also worked out right of way agreement with the Confederated tribes of the Warm Springs Preservation July 15 15
BPA: Plan may double wholesale rates Oct 1 23
BPA: BPA's plans to build a 600 ft high transmission tower near Boardman Ore and to string transmission line to Wash state are being opposed Sept 1 15
BPA: Proposes a new wholesale rate schedule that will boost revenues by 96% Oct 1 17
BPA:Relations with supplier studied Aug 15 26
BPA: Some utilities expected to bend with the wind Dec 15 29
BPA: Utilities in Portland sue BPA for hydro Sept 1 20
BRITISH COLUMBIA HYDRO & POWER AUTH: Plans a $15-million expansion of its R&D facilities Aug 15 41
BROWN BOVERI: Europeans win 12-GW Itaipu TG contract Aug 1 21
BROWN BOVERI: TVA Chairman S. David Freeman accuses GE and W. Brown Boveri of using monopoly power to gauge TVA on power plant replacement part prices Nov 1 17
BROWN BOVERI: What's new in power plants? July 15 46
B&W: Gets preliminary design approval from NRC for its standard nuclear steam station July 15 13

C

SHERMAN H. CLARK ASSOCIATES: Says there will be a substantial increase in price of coal Oct 15 80
CALGON CORP: System cures wastewater fouling fast Dec 1 22
CALIFORNIA PACIFIC UTILITIES CO: Utility will pay for residentail insulation July 1 24
CANADA GE: Investigation is launched on vandalism and possible sabotage on 3 generating units at Grand Coulee's third powerhouse Dec 1 13
CAROLINA P&L: Bureaucrats rail at a utility that dared to recommend a positive stand to wipe out inflation Dec 1 16
CAROLINA P&L: Is likely to go to court on an order by EPA to build cooling towers at its Brunswick nuclear plant Oct 15 13
CAROLINA P&L: NC utilities Comm orders study of what kinds of bill inserts should be allowed in the state Dec 15 13
CAROLINA P&L: System for reducing the volume of low level nuclear plant radwastes by as much as a 10:1 ratio is developed Oct 1 15
CEGB: Only proven way to offset shortage of fossil fuels is nuclear says CEGB Aug 15 17
CEGB: Serious delays in Britain's nuclear construction program add $640-million a year to the nation's electricty bill July 1 15
CEI: Before-the-fact modeling solves tower problems Oct 15 127
CEI: Big picture is a road map of the boiler July 15 65
CEI: Collects $3-million installment on the city of Cleveland's electric bill Nov 15 13
CEI: Justice Dept asks federal court in Cleveland not to force sale of Cleveland Municipal Lts plant to satisfy the city's dept to CEI Dec 1 15
CLEVELAND CLIFFS IRON CO: Letter of intent to supply two plants with coal for 20 years is signed by DE and Cleveland Cliffs Iron Co July 15 15
CEI: Right of a utility to advertise and pass on costs to customers is upheld by Ohio PUC Oct 1 18
CEI: Supreme court lets stand strict US air quality standards for Ohio Nov 15 13
CENTRAL IOWA P&L: Moving on plans to build a coal fired generating station Aug 1 17
CENTRAL P&L: Transient network analyzer models capacitor-switching surges Oct 15 106
CENTRAL & SOUTHWEST CORP: Forms a fuel subsidary Oct 1 48
CENTRAL & SOUTHWEST FUELS INC: Forms a fuel subsidiary Oct 1 48
CENTRAL VT PS: Green Mountain Power persists in its determination to merge with Central Vermont PS Sept 15 19
CHESAPEAKE & POTOMAC TELEPHONE CO: Plastic structural shapes save installation time Sept 1 45
CHRYSLER: Latest in experimental electric vehicles July 1 21
COLORADO UTE ELEC ASSN: Colorado district court overturns PUC decision freezing CUEA management salaries, & directing sale of 1 of 2 airplanes Dec 1 15
COLORADO UTE ELEC ASSN: Growing air quality problems persuades Colorado Ute and three other utilities to site their fourth 400 MW coal fired unit in southwestern Colorado Oct 1 15
COLUMBUS & SOUTHERN OHIO ELECTRIC: AEP: SEC's approval is principle of AEP's long standing proposal to acquire Columbus & Southern Ohio met with gratification Sept 15 19
COLUMBUS & SOUTHERN OHIO ELECTRIC: Seeks a 15% overall rate increase next March, part of a $125-million rate hike over two years Dec 15 13
COLUMBUS & SOUTHERN OHIO ELECTRIC: Right of a utility to advertise and pass on costs to customers is upheld by Ohio PUC Oct 1 18
COMBUSTION ENGINEERING: Contract for two C-E System 80 NSSS's signed by president of NYSE&G Oct 1 24
COMBUSTION ENGINEERING: Standardizing generating plants: II Aug 1 44
COMMONWEALTH EDISON: Custom build gantry crane cuts schedule outage time Oct 1 63
COMMONWEALTH EDISON: Grand jury will probe allegations of lax security at Con Ed's Quad Cities N-plant Sept 15 28
COMMONWEALTH EDISON: La Salle County nuclear station advances Dec 15 32
COMMONWEALTH EDISON: Should use FGD technology to meet clean air standards at Powerton plant Aug 15 18
COMMONWEALTH EDISON: System for reducing the volume of low level nuclear plant radwastes by as much as 10:1 ratio is developed Oct 1 15
CONSOLIDATION COAL CO: Individual coal companies feel impact of overregulation and are beginning to be hurt by excessive constraints Dec 15 11
CON EDISON: DOE wants another round of electric vehicle demonstrations with about 600 vehicles Nov 1 18
CON EDISON: Network transformers monitored remotely Nov 15 98
CON EDISON: New underwater 345-kV cable ties Con Edison more strongly to Lilco Oct 1 17
CON EDISON: Preliminary results of nation's first large scale demonstration burn of SRC-11 indicate performance and emission characteristics are comparable to imported low-sulfur oil Nov 15 14
CON EDISON: Test burns 4,000 bbl of liquid synthetic coal called SRC-11 at its 74 St plant in Manhattan Oct 15 13
CON EDISON: Test of 4.8-MW fuel cell draws closer July 15 60
CON EDISON: Will begin an interruptible load program next summer Sept 15 19
CONSERVATION: Hot water conservation practices Oct 1 59
CONSUMERS POWER: Consumers Power & Dow Chemical agree to alter cogeneration contract pending since 1969 July 1 15
CONSUMERS POWER CO: Notified NRC and Dept of Public Health that radiation was detected in part of demineralized water supply system at Big Rock Point nuclear plant Oct 15 32
COOPERATIVE POWER ASSN: Towers for a controversial ±400 kV dc transmission line between ND and Minn finally completed Nov 1 18

D

DAIRYLAND POWER CO-OP: Dozing, compacting avert coal pile fires Aug 1 63
DAYTON P&L: Change bolts, clamps, doors; save $6,000/yr, win $800 Nov 1 61
810-MW Zimmer Unit 2 will be canceled Dec 15 14
Load management plan pinpoints priorities Dec 15 70
Modify gasoline tanker for transformer oil-servicing Aug 1 65
Plans mandatory time-of-use rate for all customers Aug 15 18
DELLE ALSTHOM: What's new in power plants? July 15 46
DELMARVA P&L: Delaware PSC adopts a wide ranging flexible plan to regulate Delmarva P&L future plant construction Nov 1 17
Delaware PSC orders a study to determine if Delmarva P&L holds any responsibility in an estimated cost overrun at Salem nuclear plant Aug 1 18
Must pay for bonds Aug 1 11
DEPARTMENT OF ENERGY: Load management studies top 100 mark Nov 1 56
TOD rates shift kWh and kW Nov 15 111
DETROIT EDISON: Conducts investigation of allegations that one or more employees in its Employment Division accepted money from job seekers for preferential treatment in hiring July 1 18
Letter of intent to supply two plants with coal for 20 years signed by Detroit Edison and Cleveland Cliffs Iron Co July 15 15
Will study modifying its Conners Creek power plant to heat and cool buildings near the plant Nov 1 18
DEUTSCHE BABCOCK: Norddeutsche Kraftwerk negotiating with Deutsche Babcock concerning the construction of an offshore power plant that will burn gas Nov 15 11
DILLINGHAM CORP: Electric power generating floating on Pacific Ocean and using warm surface water heated by solar radiation for fuel will begin test operations next spring Nov 1 48
DONALDSON+ LUFKIN & JENRETTE: Future availability of capital for utility expansion will depend on more reasonable regulation than has been evident since late 1976 July 1 17
DOW CHEMICAL: Dow and Consumers Power agree to alter cogeneration contract pending since 1969 July 1 15
Partner's defection sours utility on cogeneration July 1 21
Acres of vinyl ester halt SO_3 surface corrosion Oct 15 131
DRAVO CORP: Florida Power finely hones coal-oil composite Aug 1 21
DRESSER INDUSTRIES INC (PACIFIC PUMPS DIV): Parts management cuts nuclear downtime Aug 15 68

DUGAN & MEYERS CONSTRUCTION: Radio-control coal cars load barges at 3,000 tons/hr Sept 15 152
DUKE POWER: One solution to the PCB-disposal dilemma Nov 1 52
R face large glanges in-place for major cost, time savings Oct 15 129
Seeks fair property taxes Sept 1 22
Seven workers killed when a cofferdam collapsed at construction site of Oconee nuclear plant Nov 1 15
60 scissor lifts snip construction job prep time Sept 1 60
Takes system heat rate crown again Aug 15 25
Throwaway coveralls up radiation protection July 1 83
DUQUESNE LIGHT: And two industrial customers appeal Pennsylvania PUC rate increases decision that granted the utility an additional $31.6-million Dec 1 15

E

EIC CORP: System that removes hydrogen sulfide gas from geothermal steam will be field tested by Pacific G&E; Union Oil Co system was designed by EIC Corp Sept 15 48
EBASCO SERVICES: Pick the economic construction choice Sept 1 48
Standardizing generating plants Pt II Aug 1 44
ECONOMY ENGINEERING Co: Sixty scissor lifts snip construction job Sept 1 60
EL PASO ELECTRIC CO: City of El Paso indicated an interest in purchasing all or part of El Paso Electric's Texas facilities July 15 16
ELECTRIC POWER BD OF CHATTANOOGA: Portable with uhf echo for truck-free crew use Nov 1 60
EPRI: Getting inside EPRI Sept 1 38
Load management studies top 100 mark Nov 1 56
Use of gas to fuel power plants could increase in years ahead and lower cost of producing electricity, if a pilot project of EPRI and Socal Edison is successful Nov 1 48
EMPIRE COAL CO: Five year bituminous coal contract between Pa. P&L and Benjamin and Empire Coal Companies attempts to stabilize coal costs and assure a dependable supply Aug 15 17
EMPIRE STATE ELECTRIC ENERGY RESEARCH CORP: Plans to spend over $380-million on R&D July 15 43
ENVIROSPHERE CO: How to pick your plant site Sept 1 25
ENVIROTECH CORP'S CHEMICAL AIR POLLUTION CONTROL DIVISION: American firm licensed for NO_x control in Japan Aug 15 70
Japanese developed NO_x removal process will be used at an EPA-Georgia Power demonstration plant July 15 15

F

FACTORY MUTUAL ENGINEERING & RESEARCH: Fighting fires in nuclear plants Nov 1 46
FIRST COLONY FARMS: Application to mine peat in four coastal northeastern Carolina counties is filed with state by First Colony Farms July 1 17
FLORIDA POWER CORP: Gilbert Associates and Florida Power settle year-old lawsuit out of court Oct 1 18
Florida PSC may intervene in federal proceeds against Gulf Oil to get refunds for customers of Florida Power and other utilities Oct 1 11
FLORIDA POWER CORP: Federal appeals court denies request that it be allowed to put its Anclote River plant on line immediately pending resolution of its court fight with EPA over cooling facilities Sept 1 15
Two former top officials and five Texas oilmen are indicted by a federal grand jury in Tampa charged with conspiracy and fraud for selling oil to the utility at inflated prices Oct 15 14
Federal judge refuses to give emergency power permit to Florida Power Aug 1 18
Finely hones coal-oil composite Aug 1 21
Florida officials and Florida Power Corp negotiate for rebates in the alleged oil pricing scandal that may have cost consumers $8.5-million Aug 1 17
Private vs munis: 3 battles Dec 1 9
PSC orders utility officials to appear before it and prove the claims they have made in their ads July 15 13
US Supreme Court refuses to review a lower court's decision that Florida P&L has conspired with Florida Power to divide the state's wholesale power market Dec 15 13
FLORIDA P&L: Approves outlay of $170-million for initial work on a proposed coal-fired plant that would be operational by mid-1980s Sept 1 13
'Doing unto Ralph...' Nov 15 45
Florida P&L indicates it will sharply increase stockholder dividends this year by raising payouts from 50% to a possible 44% to 60% Dec 15 13
Negotiations vs bidding pops up again July 1 22
Spending of $170-million for initial work on first coal fired unit is approved by utility's board Aug 15 15
Time delay device cuts false alarms Sept 15 151
US Supreme Court refuses to review a lower court's decision that Flo P&L conspired with Florida Power to divide the state's wholesale power market Dec 15 13

G

GENERAL CRUDE OIL: Drilling begins near Houston on world's first geopressurized geothermal test well Sept 1 15
GENERAL ELECTRIC: A. Philip Bray: Licensing bill needs improvement July 15 22
Cites shock effects on power sales Aug 1 24
Electrified railroads get vacuum breakers Sept 1 49
Europeans win 12-GW Itaipu TG contract Aug 1 21
High power transistor developed July 15 43
Joint study to improve BWRs Sept 1 22
Latest in experimental electric vehicles July 1 21
Load transformers economically July 1 62
Lowering reliability offers little benefit July 1 70
Nuclear plants undamaged by major earthquake Oct 1 49
NRC issues operating license for Unit 2 at Georgia Power's Edwin I Hatch nuclear plant Sept 1 13
Pool implements new tie models Dec 1 54
Project UHV gets powe supply for HVDC tests Oct 1 53
Refrigeration systems for liquid nitrogen cooling of UG transmission cables will be studied by Air Products & Chemicals under contract from GE Sept 15 48
Some utilities expect to bend with the wind Dec 15 29
Static var system controls line voltage July 15 52
Taiwan issues postal stamp featuring its first GE BWR Nov 1 23
TVA chairman S. David Freeman accuses GE and Brown Boveri of using monopoly power to gouge TVA on power plant replacement part prices Nov 1 17
GENERAL PUBLIC UTILITIES: How to pick your plant site Sept 1 25
Nuclear capacity up with recent dedication of Three Mile Island Dec 15 32
GEORGIA POWER: Japanese developed NO_x removal process will be used at an EPA-Georgia Power demonstration plant July 15 15
NRC issues operating license for Unit 2 at Edwin I Hatch nuclear plant Sept 1 13
Will install 67,000 sq ft of parabolic sun tracking solar collectors on its new office building July 15 15
GETTY OIL CO: Has received a notice of probable violation from DOE Aug 1 15
GIBBS & HILL: Electricity: A key to productivity Sept 1 52
Standardizing generating plants Pt III Sept 15 92
GILBERT ASSOCIATES: Gilbert Associates and Florida Power settle year-old lawsuit out of court Oct 1 18
GORDIAN ASSOCIATES: Linear programming: A new rate tool Dec 1 56
GOULD INC: Implementation of UHV transmission systems at 1,200-kV under study by Gould Oct 15 71
Insulators can be made stronger and less costly in light of two EPRI developments Oct 15 71
GREEN MOUNTAIN POWER: Persists in its determination to merge with Central Vermont PS Sept 15 19
GULF OIL CO: Florida PSC may intervene in federal proceeds against Gulf Oil to get refunds for customers of Florida Power and other utilities Oct 1 11
GULF OIL OF PITTSBURGH: Solvent refined coal demonstration plant will be designed by Southern Co of Atlanta and Gulf Oil of Pittsburgh for DOE Sept 1 41
GULF STATES UTILITIES: Cancelled two planned nuclear generating units at Blue Hills site Nov 1 26
Hands-on line switching drills in risk-free safety room Aug 15 91
Quick rig flasher upgrades UG work site warning system July 15 68
Rebuilt garage turns out a new truck each month July 1 84
Uses equipment trust to keep company cash out of purchase agreement for T/G and related equipment July 1 17

H

HELIUM BREEDER ASSOCIATES: Receives notice that Southwestern PS is withdrawing its offer of a site and $100-million construction money for a proposed demonstration gas-cooled fast breeder reactor Sept 1 13
HILL & KNOWLTON: Regulators tell utilities to speak out Part I Sept 15 33
Part II Oct 1 27
HITACHI SHIPBUILDING & ENGINEERING CO: American firm licensed for NO_x control Aug 15 70
HOUSTON L&P: NRC issues final environmental supplementary statement on Allen Creek nuclear station Oct 15 32
Partner's defection sours utility on cogeneration July 1 21
HUGHES RESEARCH LABORATORIES: New system to improve transient event recording July 15 54
HYDRO QUEBEC: Completes Outardes 2, composed of three turbogenerators on the Outardes River Nov 1 17
Has chopped $1.1-billion from its James Bay project by deferring La Grand I generating station Nov 1 17
New tower chosen for 1,000 km of 735 kV line Dec 1 50
HYUNDAI-WESTINGHOUSE: New US/South Korean company, a joint venture of Hyundai Business Group and Westinghouse, will design, manufacture, and sell thermal and nuclear-generation equipment Nov 1 15

I

IHC CORP: Ice pack vests take heat off reactor repair divers Sept 1 61
ILLINOIS POWER: Private vs munis: 3 battles Dec 1 9
INDIANAPOLIS P&L: Petitions US Court of Appeals in Chicago to review EPA's order denying the utility's permit to build a coal-fired plant Sept 15 20
INDUSTRIES KRAFT AB: Nuclear unit for Finland Nov 1 26
INTERSTATE POWER: 3 Iowa utilities consider forming a holding company Sept 15 19
IOWA-ILLINOIS G&E: 3 Iowa utilities consider forming a holding company Sept 15 19
IOWA PUBLIC SERVICE: 5-mile stretch of road in Monona County is being paved with 400 tons of flyash from Neal Unit 3 July 15 15
Three Iowa utilities consider forming a holding company Sept 15 19

J

JERSEY CENTRAL P&L: 14 NRC inspectors have differing views regarding safety of Oyster Creek nuclear station Dec 15 11
Construction of cooling tower at Oyster Creek would be an economic burden Oct 15 11
How to start a speakers' bureau Nov 1 33
Wood H-frame at 230-kV overcomes objections Aug 1 54
JOHNS MANVILLE CONTRACT INSULATION DIV: Pin anchored wire holds down tank top insulation Nov 15 118

K

KAISER ALUMINUM & CHEMICAL CORP: US Supreme Court says Consumer Products Safety Commission has authority to regulate aluminum wiring Nov 1 15
KANSAS CITY P&L: Acres of vinyl-ester resin halt SO_3 surface corrosion Oct 15 131
Aggressive public program hits electrocution hazards Aug 15 89
KANSAS G&E: Gets $100-million overseas/domestic loan Nov 1 9
KEARNEY: Upgraded elbow cuts makeup time in half Oct 1 61
KENNECOTT COPPER (UTAH COPPER DIV): Western Regional Council: Economics is top priority, poll shows Nov 1 9

KOPPERS GLO FUEL INC: TVA chairman acts on gripe from coal firm Sept 1 21
KVB INC: Con Edison: Test burns 4,000 bbl of liquid synthetic coal called SRC-II at its 74th St plant in Manhattan Oct 15 13

L

LACLEDE GAS CO: Is ordered to levy a special charge to subsidize poor poeple unable to pay winter heating bills Dec 1 16
LENOIR CITY UTILITIES BOARD: Upgraded elbow cuts make up time in half Oct 1 61
LONG ISLAND LIGHTING CO: DOE wants another round of electric vehicle demonstrations with about 600 vehicles Nov 1 18
Has entered an agreement with Bokum Resources Corp to complete a uranium mine and mill in New Mexico Sept 15 96
Is authorized by NYPSC to finance up to $300-million in construction expenditures through a trust agreement Oct 1 18
New underwater 345-kV cable ties Con Edison more strongly to Lilco Oct 1 17
Offers solar water heating systems to 600 qualified residential customers at cost Nov 1 15
Scavenging saves $1-million a year on distribution gear Oct 15 129
LOS ANGELES DEPT OF WATER & POWER: Approved restructuring of electric rates and an electric revenue increase Oct 15 13
California Energy Commission votes to delay mandatory load management indefinitely Nov 1 18
Trash-to-methane-to-kWh project expected off the ground b next spring Oct 15 80
LOCKHEED MISSILES & SPACE CO: Electric power generating floating on Pacific Ocean and using warm surface water heated by solarradiation for fuel will begin test operations next spring Nov 1 48
LOUISIANA P&L: Fight between two Louisiana munis and Louisiana P&L ends in an out-of-court settlement Nov 1 18
A homemade adapter for both A-base/socket meter testing Nov 1 63
LOUISVILLE & NASHVILLE RAILROAD: ICC Approval of a 22% rate hike of coal shipments b L&N RR is protested to the President b a delegation of Kentucky congressmen Dec 15 11

MC

MCDONNELL DOUGLAS: DOE will negotiate contracts with Martin Marietta and a unit of McDonnell Douglas to design large mirrors for solar generation Sept 1 13
MCDOWELL WELLMAN CO: Says it has developed a process to convert high sulfur coal into a high grade clean coal Oct 15 13
MCGRAW EDISON: Insulators can be made stronger and less costly in light of two EPRI developments Oct 15 71
Transient network analyzer models capacitor switching surges Oct 15 106
MCGRAW-HILL: Capital spending; only 2% real growth Dec 15 35
US and the world see a gloomy 1979 Sept 1 9
US business plans 10% more in '79 Dec 1 9
Utilities: cleanup cost is $19-billion July 1 33
Utilities lead construction boom Dec 15 9

M

MANITOBA HYDRO: Water-cooled thyristors are now in service Nov 15 99
MARTIN MARIETTA: 'Copter threads needed to set scrubber tank Sept 1 58
DOE will negotiate contracts with Martin Marietta and a unit of McDonnell Douglas to design large mirrors for solar generation Sept 1 13
MASSACHUSETTS ELECTRIC: Kilowatt welfare: unfair Aug 1 11
MATHTEC INC: 4.2-million electric vehicles are projected for 1995 Sept 15 20
MERRILL LYNCH WHITE WELD CAPITAL MARKETS GROUP: European institutions: An overlooked source of funds Aug 15 11
How to tell 'em that you're there Dec 1 29
METROPOLITAN EDISON: Circle of safety walk could save a child July 1 85
Dive s use catch basin to clear water intake Dec 1 59
Three Mile Island dedication Nov 1 26
MIDDLE SOUTH UTILITIES: New EHV intertie and associated lower voltage lines will link Missouri and Arkansas, and permit an exchange of up to 1,200 MW between Union Electric and Middle South Utilities Oct 15 14
MIDDLE SOUTH ENERGY INC: NRC accepts for review an application from Miss P&L and Middle South Energy for licenses to operate Units 1 and 2 of Grand Gulf nuclear plant Sept 1 13
MINNESOTA P&L: Chemical additive antidote cures water wall slagging Dec 1 63
Run system studies on a minicomputer Oct 1 56
MISSISSIPPI P&L: Mississippi PSC allows Miss P&L to place all accumulated fuel costs into base rate Aug 1 17
NRC accepts for review an application from Miss P&L and Middle South Energy for licenses to operate Units 1 and 2 of Grand Gulf nuclear plant Sept 1 13
MOBIL OIL: DOE learns that Mobil Oil taped phone conversations between it and Mobil officials Aug 1 18
MONONGAHELA POWER: Fire that badly damaged DOE's fluidized bed coal combustion facility at Rivesville plant caused by carbon rich deposits collecting on downstream equipment Oct 1 17
OSHA cites Research Cottrell with 10 willful violations at the concrete cooling tower construction site at Willow Island plant where 51 construction workers plunged to their deaths July 1 17
US's first utility size fluidized bed boiler has completed an uninterrupted 50-hr test at Rivesville plant Aug 15 41
MONTANA POWER: Laugh all the way to the bank as sawdust seals pipe leaks Nov 1 62

N

NATIONAL ECONOMIC RESEARCH ASSOCIATES: Tracking demand, rate changes Nov 15 9
NATIONAL ELECTRIC RELIABILITY COUNCIL: Warns that power supply is inadequate Nov 15 102
NERCO INC: Signs a 25-yr agreement with Utility Fuels for coal worth $1.7-billion July 15 15
NEW ENGLAND POWER CO: Agreement for environmental standards for conversion of oil to coal at two units of Brayton Point is signed by Massachusetts governor Sept 15 17
Nuclear plant proposal approved by NRC Sept 1 22
NEW MEXICO & ARIZONA LAND CO: Four New England utilities sue New Mexico & Arizona Land Co in US District Court Aug 15 17
NEW ORLEANS PUBLIC SERVICE: Winter conservation checklist Sept 1 56
NEW YORK POWER POOL: Pool implements new tie models Dec 1 54
NEW YORK STATE E&G: Contract for two C-E System 80 NSSS units signed by president of NYSE&G Oct 1 24
Permission to build a two-unit nuclear plant two miles from Lake Ontario and 30 miles north of Syracuse requested by NYSE&G Dec 15 11
NEWPORT NEWS INDUSTRIAL CORP: System cuts radwaste disposal cost Dec 1 44
NIAGARA MOHAWK: How to pick your plant site Sept 1 25
NIELSEN-NICKLES CO: Small hydro generates new interest Oct 1 46
NISCO-SOUTH: Negotiations vs bidding pops up again July 1 22
NORDDEUTSCHE KRAFTWERK: Negotiating with Deutsche Babcock concerning the construction of an offshore power plant that will burn gas Nov 15 11
NORTH AMERICAN COAL CORP: US coal industry is in great danger of being unable to take advantage of its opportunities because of unreasonable government regulation Aug 1 15
NORTHEAST UTILITIES: Boiler-overhaul crews walk the plank safety Dec 1 62
NORTHERN STATES POWER: May offer to incinerate certain potentially hazardous waste materials in some of its power plants Oct 15 11
Monticello nuclear plant recently achieved generating its 25th billion kWh Nov 1 26
Private vs munis; 3 battles Dec 1 9
NORTHWEST NATURAL GAS: Deluge of requests for home weatherization has swamped Oregon utilities and insulation contractors Dec 15 13

O

OCCIDENTAL RESEARCH CORP: Experiment to convert solid wastes into fuel oil suspends operations Aug 15 17
OGLEBAY NORTON CO: Radio controlled coal cars load barges at 3,000 tons/hr Sept 15 152
OHIO EDISON: Agrees to install pollution control equipment at its W.H. Sammis plant Sept 1 15
Says it will install about $450-million of pollution-control equipment at W.H. Sammis Sept 15 96
OHIO ELECTRIC CO: Jacking platform saves 480 man/hr/yr on pulverizer Nov 15 117
OHIO POWER: Ohio Supreme Court censures Ohio Power on its use of fuel clauses Aug 15 18
Ohio electric utilities say abolition of the monthly fuel adjustment clause would likely cause the typical customer's bill to increase rather than to decrease Oct 15 13
OHIO VALLEY ELECTRIC CORP: Clean live transformer fins with water spray Dec 15 73
OKLAHOMA G&E: Determine where losses occur Sept 15 122
ONTARIO HYDRO: Examination of heavy water tubes that circulate liquid through nuclear reactors at Pickering and Bruce nuclear plants indicates greater stretch in length than anticipated due to constant neutron bombardment of nuclear fission process Oct 1 15
Line galloping detuner tested for Minnesota winter service Sept 15 152
Ontario Energy Minister Reuben Baetz applauds OH's new initiatives in expanding hydroelectric generation Sept 1 13
Over next 15 years up to 17 new hydro power projects could result from a program given general approval by OH's board of directors Sept 15 20
OTTER TAIL POWER CO: Line galloping detuner tested for Minnesota winter service Sept 15 152
FERC law judge orders Otter Tail to reduce wheeling rates to 16 munis in Minnesota and to file revised rates so that munis can get refunds on transmission rates that had been subject to refund wince June 1977 Oct 15 14
OVERSEAS URANIUM RESOURCES DEVELOPMENT CO: Afro-Euro-Japanese joint uranium venture starts trial operation to produce yellowcake in Akouta, Niger Nov 1 26

P

PACIFIC G&E: California Energy Commission is reviewing a court decision ordering it to begin hearings on Stanislaus nuclear project July 1 18
California Energy Commission votes to delay mandatory load management indefinitely Nov 1 18
EPRI authorizes construction of pilot plant to demonstrate new type of water conserving cooling system Sept 15 20
Files application for building a $182-million 414-MW combined cycle Unit 7 at Potrero plant Oct 15 11
Over 200 antinuclear demonstrators arraigned following demonstration at Diablo Canyon nuclear plant Sept 15 17
Small hydro generates new interest Oct 1 46
System that removes hydrogen sulfide gas from geothermal steam will be field tested next year by Pacific G&E and Union Oil Sept 15 48
Two cities petition FERC for preference in the relicensing of hydro projects Nov 1 17
Two utilities are set to battle the California moratorium on nuclear plants Nov 1 15
Will conduct an air conditioning load deferral study involving 500 industrial and commercial customers July 1 17
PACIFIC P&L: Deluge of requests for home weatherization has swamped Oregon utilities and insulation contractors Dec 15 13
Fires its former president from his public relations job at its NERCO Inc subsidiary July 1 18
Home insulators oppose PP&L's weatherization/conservation plan July 15 16
How to use video inside the company Sept 15 40
Utilities in Portland sue BPA for hydro Sept 1 20
Washington: Interest-free loans to eligible customers installing weatherization and other energy savings measures will be offered by 3 Washington state utilities Sept 15 19
RALPH M. PARSONS CO: San Diego G&E signs letter of understanding for construction of commercial geothermal energy plant in California's Imperial Valley Sept 1 15
PENNSYLVANIA ELECTRIC CO: Ducts vent boiler explosion steam to protect plant crew July 15 67
On the ball operating and M&R team avert major crisis Aug 1 65
PENNSYLVANIA POWER CO: Pennsylvania PUC votes to give Pennsylvania Power $23.3-million

rate increase Oct 15 7
Home built timer upgrades testing of Wh-meter standards Dec 15 74
FERC files a civil suit--its first against PP&L Aug 15 15
Five-year bituminous coal contract between Pennsylvania P&L and Benjamin and Empire Coal Companies attempts to stabilize coal costs and assure a dependable supply Aug 15 17
Gets its very own wind power unit Oct 15 29
Lazy susan reel eliminates special cable reel vehicle July 15 68
Uranium drilling project proceeds Dec 1 47
Use of diesel engines for fleet cars being expanded Dec 15 75
PHILADELPHIA ELECTRIC: Early retirements sweetner package draws over 40% of those eligible July 1 18
Pennsylvania state court rules that state PUC is justified in ordering higher rates for PE's industrial customers than for residential customer Sept 15 20
PLANNING & FORECASTING CONSULTANTS: US coal production will be 1/3 less than the 1,200 million ton National Energy Plan goal for 1985 Aug 1 48
PORTLAND GE: Boardman plant is jeopardiz by possible prohibition of dumping sites for flyash Oct 1 17
Caravan of antinuclear protestors descend on Trojan nuclear plant site to ensure it remains shut down Sept 15 17
Fuel storage pool expansion Dec 15 32
Installation of spent fuel racks at Trojan will be a delicate operation Nov 1 15
Light aircraft crashed through power lines 1/2 mile from Trojan nuclear plant Nov 1 26
Trojan nuclear plant probably won't be able to resume operation until January at the earliest Dec 1 13
NRC is examining testimony to determine if Portland GE's Trojan plant should be allowed to restart operation Aug 15 17
Possibilities for cogeneration service territory is subject of a 14-week-long study Sept 1 15
Results of load-forecast models differ Dec 15 68
NRC scolds PGE for alleged noncompliance with federal regs stemming from radiation over-exposure at Trojan plant Sept 1 22
Request for a 20% residential surcharge to cover costs associated with Trojan nuclear plant has been denied Nov 1 17
Spends $1-million to buy 50% of coal mine Oct 15 80
Trojan's control room can handle a tremblor after all Nov 1 15
Utilities in Portland sue BPA for hydro Sept 1 20
Was granted a 33% emergency rate increase for residential customers Sept 1 15
Wins the 1978 Grand Award for the best utility communications program of the year July 15 13
POTOMAC EDISON: Maryland PSC initiates probe of Potomac Ed and Allegheny PS after public statement by the utility that it would be unable to meet customers' demands in 1980s Sept 15 17
Utilities oppose wage price rules Dec 15 9
POWER AUTHORITY OF THE STATE OF NY: EPRI develops method for detecting condenser leaks Sept 1 22
NYPSC plans legal action to prevent commercial use of the 765-kV Ft Covington-Massena line Dec 15 11
PS COMPANY CO COLORADO: DOE proposed to prohibit natural gas use Sept 1 16
Lest it be lost, time, like money, needs watching Sept 15 154
NRC officials will decide soon whether Ft St Vrain nuclear station can begin testing beyond 70% of its rated 330 MW capacity Dec 15 11
Two generating units both equipped with electrostatic precipitators and wet scrubbers, still fail to meet state air quality standards Nov 15 13
PUBLIC SERVICE CO OF NEW HAMPSHIRE: Cardiac first aid training goes beyond poletop victim Dec 1 61
New Hampshire House of Reps fails to override governor's veto of bill probability of PS of NH from including in its rate base CWIP for construction of Seabrook nuclear plant July 1 17
Is concerned with fate of Seabrook nuclear plant with defeat of Gov Thompson who supported the plant Dec 1 13
NRC suspends Seabrook work Aug 1 24
Portable pole holes put rock blaster out of work Oct 1 64
Regrouping after NRC's decision to halt construction of controversial Seabrook nuclear plant Aug 1 15
Seabrook cost escalation Dec 1 21
Starts layoff of construction workers at Seabrook nuclear plant site Aug 15 18
Trouble plagued Seabrook nuclear plant is on again thanks to federal action Sept 1 13
2,000 persons led by Clamshell Alliance participated in a quiet three-day demonstration in NH July 15 13
Washington Comment: CWIP battle revived Nov 1 4
PUBLIC SERVICE CO OF NEW MEXICO: Has a 30-home solar water heating experiment underway July 15 15
Initiates broad range of specific R&D projects for 1979 July 15 43
Single-base switches enhance flexibility Nov 1 50
PUBLIC SERVICE CO OF OKLAHOMA: Limited work authorization issued to PS of Oklahoma to permit certain construction work to be done on proposed Black Fox nuclear plant Sept 1 22
PUBLIC SERVICE ELECTRIC & GAS CO: Mannequin, skid board, plus practice refine tower rescue July 15 69
NJ PUC approves experimental TOD rate for for 20,000 residential customers Oct 1 17
NJ Supreme Court refuses to hear an appeal aimed at blocking construction of an overhead transmission line in four Union County municipalities Nov 1 17
Quick make timer/I-beam shoring wall for 40-ft dig Sept 1 59
PS INDIANA: Nuclear site occupation vetoed Nov 15 36
Sheating cuts mobile home energy use Aug 15 82
PUGET SOUND P&L: Washington: Interest free loans to eligible customers installing weatherization and other energy saving measures will be offered by three Washington state utilities Sept 15 19
PULLMAN KELLOGG DIV (PULLMAN INC): Scrubbing gas from high-sulfur coal Oct 15 76

R

RAILCAR MAINTENANCE CO: Production line for periodic overhaul of unit-train car Aug 1 66
RAND CORP: Study for CIA: Oil: The dynamics of the world market Pt I Dec 1 47
Pt II Dec 15 57
REDDY COMMUNICATIONS: Environmental Action Foundation sued by Reddy Communications for making fun of its Reddy Kilowatt trademark files a counter suit Oct 15 14
RESEARCH COTTRELL: Before-the-fact modeling solves tower problems Oct 15 127
OSHA cites R-C with 10 willful violations at the concrete cooling tower construction site at Monongahela Power Co's Willow Island plant where 51 construction workers plunged to their deaths July 1 17
Second order prefab resolves worksite bottlenecks Aug 15 90
RFL INDUSTRIES: Dual tones improve relay security July 1 64
ROCHESTER G&E: French company chosen by RGE to inspect steam generators in its Ginna I PWR nuclear plant July 15 22
Has asked NY State Siting Board to remove a building permit suspension so it can start construction of nuclear plant at Sterling Aug 15 15
ROCKY MOUNTAIN ENERGY: EPA's draft proposal requiring flue-gas desulfurization equipment on all new power plants will cause a curtailment in development of western coal Nov 1 48

S

SACRAMENTO MUNICIPAL UTILITY DISTRICT: Nuclear fuel savings plan Dec 15 32
Sodium lamps boost plant lighting, cut operating costs Dec 15 75
SMUD and Westinghouse have reached settlement in lawsuit filed by Westinghouse resulting from failure of Rancho Seco nuclear plant's steam turbine rotors in June 1975 Oct 15 32
SAN DIEGO G&E: Air-borne thermal imagery gives clues on heat losses July 1 86
California's state senate revives Sundesert nuclear project Sept 15 17
A freak Great Basin desert airflow into southern California brought record peak demands on utilities on Sept 25 Oct 15 11
Geothermal project aimed at demonstrating binary cycle technology for converting Imperial Valley brine to electricity will be reluctantly scuttled because DOE will not participate Aug 1 17
NRC issues Final Site Environmental Statement on site suitability considerations concerned with Sundesert plant Dec 1 21
Power plant development in the West is going downhill, due to legislative and regulatory restrictions July 15 13
Proposed Sundesert nuclear plant is derailed again Oct 1 15
Signs letter of understanding for construction of commercial geothermal energy plant in California's Imperial Valley Sept 1 15
Sundesert is alive but in a respirator Nov 1 24
Two California utilities seek authority from state PUC to reduce rates Sept 1 15
SANDIA LABORATORIES: Construction of a $10-million combustion research facility has begun at Sandia Labs Sept 15 48
Development of a typical meteorological year for 25 US locations to assess performance of solar energy systems is completed Sept 15 48
NRC certifies to Congress that a safe container for the air transportation of plutonium has been developed and tested Sept 15 28
Varian Associates develops a prototype solar cell under DOE contract from Sandia Aug 15 41
SEATTLE CITY LIGHT CO: Surplus power sales stall rate hike Nov 1 9
SHELL OIL CO: Improperly calculated its crude oil costs between September 1973 and November 1974 Aug 1 15
T. SHIRLEY CO: Small hydro generates new interest Oct 1 46
SIEMENS: Europeans win 12-GW Itaipu TG contract Aug 1 21
SIEMENS-ALLIS: TVA's Raccoon Mountain pumped storage hydro plant's operation is delayed by a vibration problem Oct 15 11
SKELLY & WHITE: Western Regional Council: Economics is top priority, poll shows Nov 1 9
SOLUTION ENGINEERING INC: Texas Utilities subsidiary leaches uranium from mill tailings Oct 1 21
SOUTH CAROLINA E&G: Starts up four 60-MW generators July 1 15
SOUTHERN CALIFORNIA EDISON: California law will expedite regulators siting processes for research experiments into alternative energy sources Oct 15 11
Computer personalizes conservation ideas Oct 1 58
A freak Great Basin desert airflow into southern California brought record peak demands on utilities on Sept 25 Oct 15 11
California Energy Commission votes to delay mandatory load management indefinitely Nov 1 18
Has filed a notice of intention to seek approval for an integrated coal gasification combined-cycle demonstration project using Texaco gasification techniques Aug 15 71
NO$_x$ limits in the Los Angeles area are being challenged by Socal Edison Nov 15 13
Overall air pollution contributions of electric and gasoline powered vehicles in the Los Angeles area were compared at the Electric Vehicle Symposium Nov 1 18
Some utilities expect to bend with the wind Dec 15 29
Standard Oil of Ohio will buy an experimental scrubber for flue gas desulfurization tests at Socal Edison's oil-fired plant July 15 13
Signs an agreement with Utilities Workers Union of America ending strike Sept 1 16
Sohio agrees to pay Socal Edison $78-million to install and operate a five-stage horizontal scrubber at Alamitos generating station Sept 15 17
Two California utilities seek authority from state PUC to reduce rates Sept 1 15
Two utilities are set to battle the California moratorium on nuclear plants Nov 1 15
Union Oil Co of California will sell geothermal steam to Socal Edison Sept 1 15
Use of gas to fuel power plants could increase in years ahead and lower cost of producing electricity, if a pilot project of EPRI and Socal Edison is successful Nov 1 48
SOUTHERN COLORADO POWER DIVISION: Mix sawdust with coal for a clean and cheap boiler fuel Nov 1 64
SOUTHERN CO OF ATLANTA: Solvent-refined-coal demonstration plants will be designed by Southern Co of Atlanta and Gulf Oil of Pittsburgh Sept 1 41
SOUTHERN ENGINEERING & CONSTRUCTION: Seven workers are killed when a cofferdam collapsed at construction site of Oconee nuclear plant Nov 1 15
SOUTHWEST GAS CORP: Tucson G&E plans to divest its gas interest by selling it to Southwest Gas Corp July 15 16

SOUTHWESTERN PS CO: Helium Breeder Associates receives notice that SPS is withdrawing its offer of a site and $100-million construction money for a proposed demonstration gas-cooled fast breeder reactor Sept 1 13
New sland on roadway lighting minimizes car-pole crashes Nov 15 117
STAL-LAVAL TURBIN AB: Sweden: Second developmental phase of the pressurized fluidized bed combustion process has been announced by AEP and Stal-Laval Oct 15 11
STANDARD OIL OF OHIO: Will buy an experimental scrubber for flue-gas-desulfurization tests at Socal Edison's oil-fired plant July 15 13
STONE & WEBSTER: How to use transactional analysis (TA) Pt I Oct 1 33
Pt II Oct 15 55
Northeast Coal Utilization Program: Coal-derived liquids: A continuous study July 1 52

T

TAMPA ELECTRIC CO: Florida's three largest utilities have asked University of Florida experts in lightning research to help find a new way to protect power lines Sept 1 15
University of Florida engineers are asked to investigate and help combat power outages due to summer thunderstorms July 15 15
TECHNOVATE INC: Utah P&L: Visual simulator tells it like it will be Aug 15 87
TENNESSEE VALLEY AUTHORITY: Agrees to help plan and design a demonstration waste disposal cogeneration plant Aug 1 15
Approves study to identify ways to distribute waste heat from power plants Aug 1 17
Awarded two long-term contracts to International Minerals & Chemical Corp Nov 15 36
Before-the-fact modeling solves tower problems Oct 15 127
Begins gradual cutbacks of 1,000 MW to uranium enrichment plants at Oak Ridge and Paducah July 15 13
Chairman acts on gripe from coal firm Sept 1 21
Chairman S. David Freeman accuses GE and Brown Boveri of using monopoly power to gouge TVA on power plant replacement part prices Nov 1 17
Chairman Freeman proposes to President Carter that the agency build this country's first away-from-reactor radwaste storage facility Aug 1 15
Chairman Freeman rejects a proposed 4½% rate increase Oct 1 17
Expands interest-free attic insulation loan program to include other energy conservation measures and heat pump installations Oct 15 14
Conservation, power imports, voltage reduction of 5% and interruptible customer cutoffs helped TVA during week of Sept 17, when the utility had a string of power emergencies Oct 15 11
Cooling water from nuclear plant will supply all power needed by prototype industrial park Oct 15 71
TVA and DOE have evolved an agreement that will help save TVA customers money by cutting both winter and summer power demand over the next 1½ years Sept 1 16
Envisions a tight power supply picture for the region this winter Nov 15 11
Has opened a new toll-free telephone information service throughout its seven-state area Nov 1 17
GAO hits TVA; 'inaccurate,' says chairman Dec 15 30
TVA in a financial squeeze Sept 15 27
TVA and Interior Dept report to Congress on TVA's Tellico Dam Oct 1 15
TVA is developing a program to encourage and assist small coal operators Dec 1 13
TVA may float big tax-free bond issue Dec 15 9
TVA pays top dollar for coal Aug 1 22
Plans to enforce compliance by coal contractors that are violating the sex discrimination laws Oct 1 48
Proposed load management of project at TVA would equip from 4,000 to 7,500 homes with controls on home-heating appliances connected by two-way communications to the electrical distributor Dec 15 13
Raccoon Mountain pumped storage hydro plant's operation is delayed by a vibration problem Oct 15 11
Raccoon Mountain pumped storage Unit 1 plagued by vibration problems is expected to begin restricted operation this month Nov 1 15
Senate reconfirms Richard S. Freeman as second member of TVA board Nov 15 14
Reliability study of its coal-fired plants questions the concept that the bigger the plant the better the power production Sept 15 20
Reliability study shows that the bigger the plant the better the power production Oct 15 80
Richard M. Freeman nominated by President Carter to fill a vacancy on TVA board Aug 1 18
Seeks nuclear data Aug 15 28
Signs coal contract despite dissent Oct 1 23
Studies rare fish in new habitat July 15 20
Tennessee mining company accuses TVA fuel procurement officials of refusing to buy its coal Aug 1 15
Whether TVA's major future generation increases will come from coal, nuclear, or some other alternative will be decided by year end July 1 15
TEXACO: California law will expedite regulators siting processes for research experiments into alternative energy sources Oct 15 11
Socal Edison has filed a notice of intention to seek approval for integrated coal gasification combined cycle demonstration project using Texaco gasification techniques Aug 15 71
TEXAS P&L: Conservation column: Infiltration accounts for about 40% of heat loss in a typical house Nov 1 58
Super sucker pinpoints air leakage July 15 62
TEXAS UTILITIES: Texas PUC investigating each and every transaction over the past two years between Texas Utilities and its subsidiaries Nov 15 13
TEXAS UTILITIES' BASIC RESOURCES INC: TU subsidiary leaches uranium from mill tailings Oct 1 21
TOHOKU ELECTRIC POWER CO: Japanese utility settles with fishermen to permit it to build a nuclear plant after 10 years of lobbying Oct 1 15
TOLEDO EDISON: Lower high-mast lamps for ground level maintenance Dec 15 76
NRC issues second limited work authorization to Toledo Edison Oct 15 32
TUCSON G&E: Regulators lean on fuel clause Oct 15 7
Plans to divest its gas interest by selling it to Southwest Gas Corp July 15 16
TUDOR ENGINEERING CO: 'Small hydro' generates new interest Oct 1 46

U

UNDERWATER CONSTRUCTION CORP: Icepack vests take heat off reactor repair divers Sept 1 61
UNION ELECTRIC: Has been granted a variance from air pollution standards for its Labadie and Sioux plants by Missouri Air Conservation Commission Sept 15 96
Investigation of rates indicates that residential customers may not be paying their proportional share of what it costs to provide service Oct 1 17
New EHV intertie and associated lower voltage lines will link Missouri and Arkansas, and permit an exchange of up to 1,200 MW between Union Electric and Middle South Utilities Oct 15 14
UNION OIL CO: System that removes hydrogen sulfide gas from geothermal steam will be field tested by Pacific G&E and Union Oil Co; system was designed by EIC Corp Sept 15 48
UNION OIL CO OF CALIFORNIA: Will sell geothermal steam to Socal Edison Sept 1 15
UNITED ENGINEERS & CONSTRUCTORS: Will design and install a $220-million system to remove SO_2 and particulate at Units 4 and 5 of Four Corners Sept 1 15
UNITED ILLUMINATING: Solid waste recovery and main transfer plant Dec 1 19
UNITED NUCLEAR CORP: NRC cites UNC for alleged failure to comply with NRC Requirements for physical protection of its fuel fabrication facility July 1 24
UNITED POWER ASSN: Second order prefab resolves worksite bottlenecks Aug 15 90
Towers for controversial ±400-kV DC transmission line between North Dakota and Minnesota finally completed Nov 1 18
URANIUM RESOURCES & DEVELOPMENT CO: Uranium drilling project proceeds Dec 1 47
UTAH P&L: Estimate transformer failure cost Dec 1 48
High court kills rate hike. Refunds Oct 1 11
Homemade power packs for videotaping in boondocks Nov 15 116
Small, shallow draft dredger ensures plant's water supply July 1 66
Upgraded meter base handles all electric service drops Oct 1 63
Visual simulator tells it like it will be Aug 15 87
UTILITY FUELS INC: Nerco Inc signs a 25-year agreement with Utility Fuels for coal worth $1.7-billion July 15 15

V

VARIAN ASSOCIATES: Develops a prototype solar cell under DOE contract from Sandia Aug 15 41
VIRGINIA ELECTRIC & POWER CO: Chambers of commerce in five northeastern North Carolina towns organize to seek a rollback of a recent rate increase Nov 15 14

W

WASHINGTON GAS LIGHT CO: DOE studies possible course of action on proposed surcharge for customers who cut gas consumption significantly by substituting electric heat pumps and other energy sources for heating needs Nov 15 14
Utilities oppose wage-price rules Dec 15 9
WASHINGTON PUBLIC POWER SUPPLY SYSTEM: BPA relations with supplier studied Aug 15 26
Cement shortage is adversely affecting the construction of two nuclear plants Dec 1 13
Grays Harbor County, Wash, bills WPPS for policing a 2-day demonstration at Satsop nuclear plant Sept 15 17
Wants more information before it will consider paying the costs of policing demonstrations at Satsop nuclear plant site Oct 1 15
WASHINGTON WATER POWER: Interest free loans to eligible customers installing weatherization and other energy saving measures will be offered by three Washington state utilities Sept 15 19
WESTINGHOUSE ELECTRIC CORP: Europeans win 12-GW Itaipu T/G contract Aug 1 21
Faults influence transformer life July 15 50
Improved material for transformer core laminations will undergo evaluation by two manufacturers next year Oct 15 14
Must honor its uranium fuel contracts with seven utilities Nov 15 11
Quake's motion modeled in relay test Oct 1 50
Realistic and reliable data on one phase of emergency core cooling is the goal of five year test program Sept 15 48
Safety and security of US are seriously threatened by irrational energy policies, according to John W. Simpson, former president of Westinghouse Power Systems Co Aug 1 15
Selected by DOE to negotiate a technical support contract to assist in developing the design of a proposed nuclear waste isolation pilot plant July 1 24
Standardizing generating plants Aug 1 44
Uranium suits: Settle out of court with Texas utilities composing the South Texas Project Nov 1 15
WESTINGHOUSE HANFORD CO: Evaluating nuclear fuel performance Dec 1 46
WESTINGHOUSE TEMPLIFIER DEPT: How to recycle low-grade process heat Aug 1 60
WISCONSIN P&L: Wisconsin shifting to TOD Dec 1 22
WISCONSIN PUBLIC SERVICE: Divers backup 'copter on underwater footing job Nov 1 63
Ordered by PSC to build a coal-fired plant without scrubbers Oct 1 48
WISCONSIN PROTECTIVE COATINGS CORP: Acres of vinyl ester halt SO_3 surface corrosion Oct 15 131

Y

YANKEE ATOMIC CO: Ice pack vests take heat off reactor repair divers Sept 1 61

AUTHOR INDEX

Baird, M.L. Jacking platform saves 480 man/hr/yr on pulverizer Nov 15 117
Baker, W. L., Jr. Alabama Power scrutinizes rate reform options Oct 15 114
Biddle, R.H. PS Indiana: Sheating cuts mobile home energy use Aug 15 82
Brinker, H.F. Static var system controls line voltage July 15 52

Caffey G.E. Super sucker pinpoints air leakage July 15 62
Calhoun, H.J. Quake's motion modeled in relay test Oct 1 50
Campbell, H.E. Load transformers economically July 1 62
Caplinger, W.F. Clean live transformer fins with water spray Dec 15 73
Clair, M.L. T&D construction survey Aug 15 53
Coleman, W.R. Heat pumps get high grades up north Sept 15 142

Davis, W.L. Static var system controls line voltage July 15 52
Elliott, N.S. Requalifying nuclear operators Nov 1 44

Fantom, L.F. Fighting fires in nuclear plants Nov 1 46
Felix, F. Electricity: A key to productivity Sept 1 52
Frantzen, R.J. Penn P&L: Lazy Susan reel eliminates special cable reel vehicle July 15 68
Fraser, H.E. Upgraded elbow cuts makeup time in half Oct 1 61
Friedlander, G.D. Steam station design survey Nov 15 73

Gerlach, D.W. Load transformers economically July 1 62

Hurwitz, H. Scrubbing gas from high-sulfur coal Oct 15 76
Hutchinson, E. Lest it be lost, time, like money, needs watching Sept 15 154

Jennings, C. Divers use catch basin to clear water intake Dec 1 59
Jennings, C. Ice-pack vests take heat off reactor repair divers Sept 1 61
Johnson, C.R. DOE: TOD rates shift kWh and kW Nov 15 111

Karcher, J.F. Jersey Central P&L: Wood H-frame at 230-kV overcomes objections Aug 1 54
Kaufman, B.M. Dual tones improve relay security July 1 64

Laird, S.W. How to start a speakers' bureau Nov 1 33
Lark, W.F. Reface large flanges in place for major cost, time savings Oct 15 129
LeBlanc, H.P. Meter checks cut unaccountable losses Oct 15 90
Looney, Q. Load management studies top 100 mark Nov 1 56

McLean, M. Homemade power packs for videotaping in boondocks Nov 15 116
McClendon, B. New slant on roadway lighting minimizes car pole crashes Nov 15 117
May, J.R. System cuts radwaste disposal cost Dec 1 44
Mintz, S. DOE: TOD rates shift kWh and kW Nov 15 111
Mohre, D.L. Load managment studies top 100 mark Nov 1 56

Niess, R.C. Westinghouse: How to recycle low-grade process heat Aug 1 60
Nobile, P. Pick the economic construction choice Sept 1 48
Noble, W.K. Parts management cuts nuclear downtime Aug 15 68

Ostroski, G.B. Minn P&L: Run system studies on a minicomputer Oct 1 56

Powell, K.B. Estimate transformer failure cost Dec 1 48
Powell, K.B. Visual simulator tells it like it will be Aug 15 87

Reynolds, P.E. New slant on roadway lighting minimizes car pole crashes Nov 15 117
Roundy, J. Visual simulator tells it like it will be Aug 15 87
Reineke, M.C. Single-base switches enhance flexibility Nov 1 50

Schoor, A. Linear programming: A new rate case Dec 1 56
Sebesta, D. T&D construction survey Aug 15 53
Solomon, S. How to use TA: Pt 1 Oct 1 33
Stell, A.W. Network transformers monitored remotely Nov 15 98
Stutz, R. Portable with uhf echo for truck free crew use Nov 1 60

Weldon, G.E. Fighting fires in nuclear plants Nov 1 46
White, L. Arizona PS: Surplus wooden cable reels resolve catalog-storage muddle Sept 1 61

Yannucci, D.A. Faults influence transformer life July 15 50
Yarze, J.C. Scrubbing gas from high-sulfur coal Oct 15 76
Yoho, C.H. AEP: Extinguish electrical fires safely with water Nov 15 115

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